

(Demo) Civilian Conservation Corps



FWSCCC-038

## GENERAL SCHEDULE OF SUPPLIES

Prepared under direction of the Secretary of the Treasury by the  
 PROCUREMENT DIVISION, BRANCH OF SUPPLY  
 Federal Warehouse, Washington, D. C.

## CLASS 66.—AIR COMPRESSORS

FOR THE PERIOD JUNE 25, 1936 TO JUNE 15, 1937

For use by the executive departments and other establishments of the Government of the United States of America within the continental limits of the United States, except Alaska.

For use by the Government of the District of Columbia within the District of Columbia.

For use by activities of the Government of the District of Columbia when ordered for delivery other than within the District of Columbia: Workhouse and Reformatory, Occoquan, Va. (R. R. Station, Lorton, Va.); Children's Tuberculosis Sanatorium, Glenn Dale, Prince Georges County, Md. (R. R. Station, P. R. R., Glenn Dale, Md.); D. C. Garbage Reduction Plant, Cherry Hill, Va.; District Training School, Laurel, Md. (R. R. Station, B. & O. R. R., Laurel, Md.).

Prices herein include any Federal tax heretofore imposed by the Congress which is applicable to the material awarded. If any sales tax, processing tax, adjustment charge, or other taxes or charges are imposed or changed by the Congress after the date set for the opening of the bid and made applicable directly upon the production, manufacture, or sale of the supplies covered, and are paid by the contractor on the articles or supplies herein contracted for, then the prices named will be increased or decreased accordingly, and any amount due the contractor as a result of such change will be charged to the Government and entered on vouchers (or invoices) as separate items.

Unless otherwise specified, it is understood and agreed that only such unmanufactured articles, materials, and supplies as have been mined or produced in the United States, and only such manufactured articles, materials, and supplies as have been manufactured in the United States substantially all from articles, materials, or supplies mined, produced, or manufactured, as the case may be, in the United States, shall be delivered.

## CONTRACTOR AND SYMBOL

Symbol	Name
B	Cleveland Rock Drill Co., The
*	

Number	ARTICLE	Price		Unit	Time of delivery	Contractor
		East of Miss. River	West of Miss. River			
66-C-1408-5	Compressors, air, portable; shall be in accordance with Procurement Division Specification No. 233; for delivery f.o.b. destination as specified on purchase order:					
66-C-1408-10	NOTE.—East means delivered any point within the continental limits of the United States east of the Mississippi River, including St. Louis County, Mo., Davenport, Ia., Dubuque, Ia., and Minneapolis, Minn. West means delivered any point within the continental limits of the United States west of the Mississippi River.					
66-C-1408-15	The first number in the time of delivery column indicates the time of delivery east of the Mississippi River and the second number indicates the time of delivery west of the Mississippi River.					
66-C-1408-20	To deliver 85 cubic feet of free air per minute:				Days	
66-C-1408-25	Mounted on two pneumatic tired wheels...	\$1,850.00	\$1,925.00	each	8-14	A,C,D,F,G,H,I.
	Mounted on four pneumatic tired wheels..	1,825.00	1,900.00	each	8-14	A,C,D,F,G,H,I.
	Mounted on four solid rubber tired wheels	1,825.00	1,900.00	each	8-14	A,C,D,F,G,H,I.
	Mounted on four steel wheels.....	1,675.00	1,750.00	each	8-14	A,C,D,F,G,H,I.
	Without wheels or axles for mounting on truck.....	1,550.00	1,625.00	each	8-14	A,C,D,F,G,H,I.
66-C-1408-35	To deliver 105 cubic feet of free air per minute:					
	Mounted on two pneumatic tired wheels...	2,025.00	2,100.00	each	8-14	A,C,D,F,G,H,I,J,K.

Number	ARTICLE	Price		Unit	Time of delivery	Contractor
		East of Miss. River	West of Miss. River			
	Compressors, air, portable—Continued. To deliver 105 cubic feet of free air per minute—Continued.				Days	
66-C-1408-40	Mounted on four pneumatic tired wheels..	\$2,000.00	\$2,075.00	each	8-14	A,C,D,F,G,H,I,J,K.
66-C-1408-45	Mounted on four solid rubber tired wheels	2,000.00	2,075.00	each	8-14	A,C,D,F,G,H,I,J,K.
66-C-1408-50	Mounted on four steel wheels.....	1,850.00	1,925.00	each	8-14	A,C,D,F,G,H,I,J,K.
66-C-1408-55	Without wheels or axles for mounting on truck.....	1,725.00	1,800.00	each	8-14	A,C,D,F,G,H,I,J,K.
	To deliver 160 cubic feet of free air per minute:					
66-C-1408-65	Mounted on four pneumatic tired wheels..	3,100.00	3,250.00	each	8-14	A,C,D,F,G,H,I,J,K.
66-C-1408-70	Mounted on four solid rubber tired wheels	3,100.00	3,250.00	each	8-14	A,C,D,F,G,H,I,J,K.
66-C-1408-75	Mounted on four steel wheels.....	2,875.00	3,025.00	each	8-14	A,C,D,F,G,H,I,J,K.
	To deliver 210 cubic feet of free air per minute:					
66-C-1408-85	Mounted on four pneumatic tired wheels..	3,750.00	3,925.00	each	8-14	A,C,D,F,G,H,I,J,K.
66-C-1408-90	Mounted on four solid rubber tired wheels	3,750.00	3,925.00	each	8-14	A,C,D,F,G,H,I,J,K.
66-C-1408-95	Mounted on four steel wheels.....	3,475.00	3,650.00	each	8-14	A,C,D,F,G,H,I,J,K.
	To deliver 315 cubic feet of free air per minute:					
66-C-1408-105	Mounted on four pneumatic rubber tired wheels.....	4,575.00	4,800.00	each	8-14	A,C,D,F,G,I,J,K.
66-C-1408-110	Mounted on four solid rubber tired wheels	4,575.00	4,800.00	each	8-14	A,C,D,F,G,I,J,K.
66-C-1408-115	Mounted on four steel wheels.....	4,275.00	4,500.00	each	8-14	A,C,D,F,G,I,J,K.
	Drills, rock, pneumatic; shall be in accordance with Procurement Division Specification No. 232; for delivery f.o.b. destination as specified on the purchase order:					
66-D-1546-10	42 - 49 pounds.....	180.00	180.00	each	10	A,B,D,E,F,I,J,K.
66-D-1546-20	54 - 60 pounds.....	190.00	190.00	each	10	A,B,D,E,F,I,J,K.
66-D-1549	Repair-parts for above drills:					
	(a) Chicago Pneumatic Tool Co.'s Unit Spare Parts price list, dated June 1, 1936.....			list	2	Chicago Pneumatic Tool Co.
	(b) Cleveland Rock Drill Co.'s Parts Price Lists for models H7 and H17.....			list	2	The Cleveland Rock Drill Co.
	(c) Gardner-Denver Co.'s Parts Price Lists No. 700-1, dated July 1, 1936 and No. 700-9, dated March 15, 1936.....			list	2	Gardner-Denver Co.
	(d) Independent Pneumatic Tool Co.'s Parts Price List No. 700-1, dated June 1, 1935.....			list	2	Independent Pneumatic Tool Co.
	(e) Ingersoll-Rand Co.'s Price List of Rock Drill Spare Parts for the period June 25, 1936 to June 15, 1937.....			list	2	Ingersoll-Rand Co.
	(f) Cleveland Rock Drill Co.'s Parts Price List for models H7 and H17.....			list	2	Schramm, Inc.
	(g) Sullivan Machinery Co.'s Duplicate Parts Lists for classes L9 and L2.....			list	2	Sullivan Machinery Co.
	(h) Worthington Pump & Machinery Co.'s Parts Lists No. WR-1201, dated November, 1933, for model 36 and models H-44 and S-44.....			list	2	Worthington Pump & Machinery Co.

\*Davey Compressor Co.'s Model 315 compressors not available until October 1, 1936.

#### LIST OF CONTRACTORS

Tps. no.	Names and addresses
12907	Chicago Pneumatic Tool Co., 237 North Twelfth Street, Philadelphia, Pa.
12908	Cleveland Rock Drill Co., The, 3734 East Seventy-eighth Street, Cleveland, Ohio.
12909	Davey Compressor Co., Inc., 330 North Water Street, Kent, Ohio.
12910	Gardner-Denver Co., 1104-1107 Munsey Building, Washington, D. C.
12911	Independent Pneumatic Tool Co., 600 West Jackson Boulevard, Chicago, Ill.
12912	Ingersoll-Rand Co., 326 Munsey Building, Washington, D. C.
12913	Le Roi Co., 1706 South Sixty-eighth Street, Milwaukee, Wisc.
12914	O.K. Clutch & Machinery Co., Columbia, Pa.
12915	Schramm, Inc., West Chester, Pa.
12916	Sullivan Machinery Co., 30 Church Street, New York, N. Y.
12917	Worthington Pump and Machinery Corp., 601 Thirteenth Street NW; Washington, D. C.



## Cleveland "Veribest" Hose and Accessories



**V**ERIBEST Air Hose is made in one grade only. The fabric, which is duck, not sheeting, is woven of long-staple cotton, and is cut on the bias so that the threads cross on the diagonal with every ply. The friction is compounded especially for the duck used, and it insures bonding the plies into an inseparable but thoroughly flexible unit.

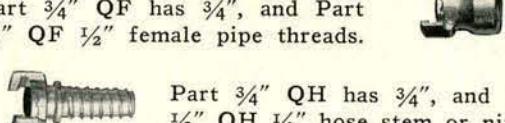
The tube is compounded to our specifications, and it is more thoroughly oil and moisture proof than in many kinds of hose which are advertised as being especially oil resisting. The walls are amply thick to withstand pulsating pressure, and the cover is so compounded as to give maximum resistance against the rough wear and hard usage to which air hose is always subjected.

This hose is manufactured in sizes  $\frac{1}{4}$ " to 2", plain, or oval wire wound. The standard length is 50 feet, but 35 and 25-foot lengths can be supplied when specially so ordered.

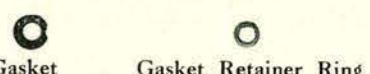
### Cleveland Type "Q" Quick Acting Steel Couplings

The Type "Q" Coupling is made on automatic machines out of strong, tough, long-lasting steel. The parts are turned out of the bar, then heat-treated to give them strength beyond any possible strain, and are finally cadmium plated to prevent rust.

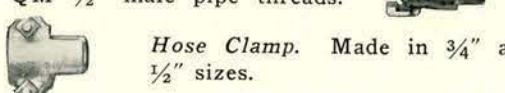
Part  $\frac{3}{4}$ " QF has  $\frac{3}{4}$ ", and Part  $\frac{1}{2}$ " QF  $\frac{1}{2}$ " female pipe threads.



Part  $\frac{3}{4}$ " QH has  $\frac{3}{4}$ ", and Part  $\frac{1}{2}$ " QH  $\frac{1}{2}$ " hose stem or nipple.



Part  $\frac{3}{4}$ " QM has  $\frac{3}{4}$ ", and Part  $\frac{1}{2}$ " QM  $\frac{1}{2}$ " male pipe threads.



Hose Clamp. Made in  $\frac{3}{4}$ " and  $\frac{1}{2}$ " sizes.

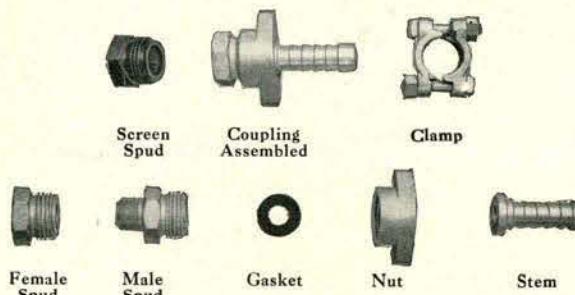
### Cleveland Type "A" Couplings

For users who desire to keep the initial cost of couplings to a minimum we offer our Type "A" Universal Quick Connecting Coupling which is made of a tough, non-corrosive, acid resisting bronze alloy.



### Cleveland Type "D" Threaded Couplings

#### Cadmium Plated



Each coupling consists of a stem (or nipple), spud, nut, packing washer, and clamp. The spud is furnished with either male or female thread for connecting to the pipe or machine. These couplings are of a well standardized design, are durable in quality, and are altogether a thoroughly good article. The light pattern is made in  $\frac{1}{2}$ " and  $\frac{3}{4}$ " sizes; the heavy in the  $\frac{3}{4}$ " and 1".



### The Cleveland Model ALO Line Oiler

The oiling of a rock drill, as ordinarily done, is entirely subject to the human element. The Cleveland Model ALO Line Oiler will carry on the lubrication of the drill faithfully and thoroughly as long as the operator fills it twice a day.

The device, in principle, makes use of the property of capillary attraction in a new and most effective way. Regardless of the position in which the oiler may be placed, or of which end may be turned toward the source of air supply, the Cleveland oiler delivers just the right amount of oil into the air stream for proper lubrication of the drill. Can be easily adjusted to suit variable oils. Capacity, 1 quart.

We suggest the use of Cleveland "Veribest" Hose for the 10-foot "whip" required to connect the line oiler to the drill.



## CLEVELAND ROCK DRILL CO. H7 and H17 ROCK DRILLS CONTRACT TPS 12908

APPLYING TO SCHEDULE No. 66

PROCUREMENT DIVISION, BRANCH OF SUPPLY  
FOR PERIOD JUNE 25, 1936 TO JUNE 15, 1937

**U**NDER SCHEDULE 66, issued by the Procurement Division, Branch of Supply, Washington, D. C., THE CLEVELAND ROCK DRILL CO. has been awarded Contract TPS 12908 for CLEVELAND H7 and H17 jackhammers per enclosed copy of Contract.

In this folder you will find complete picturization and description with specifications of the 48 pound H7 and 57 pound H17 CLEVELAND jackhammers. The Federal Government in its various departments has purchased and is using large numbers of CLEVELAND jackhammers from which they have received the utmost of satisfaction. Twenty years of effort in the design, development and manufacture of air tools solely to the exclusion of numerous allied lines has permitted THE CLEVELAND ROCK DRILL CO. to place on the market a line of air tools which is second to none. The CLEVELAND reputation for high drilling speed, low air consumption and exceptionally low cost for maintenance has been established for a number of years and is recognized by all users of air tools.

Inasmuch as your best interests will be served by using CLEVELAND equipment we request that when requisitioning jackhammers you kindly specify CLEVELAND H7's and H17's thus assuring your receiving the finest jackhammers on the market, tools which will give long and constant service with fast and satisfactory drilling speed, low air consumption and low cost for maintenance.

Complete stocks of CLEVELAND tools and repair parts are carried by our Branch Offices and distributors in all sections of the country. Names and addresses of those nearest to you from whom you can secure prompt and efficient service will be gladly furnished upon request.

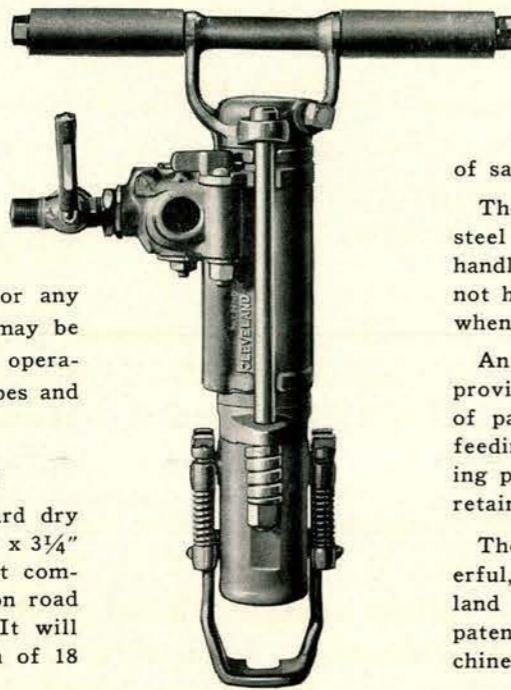
### The CLEVELAND ROCK DRILL CO.

THIRTY SEVEN THIRTY FOUR EAST SEVENTY EIGHTH STREET  
CLEVELAND - OHIO

LEADERS IN DRILLING EQUIPMENT



## Cleveland H7 Sinker



THIS hand hammer drill is manufactured in a number of types, and from these a machine may easily be selected suitable for any given drilling condition. It may be put up for either wet or dry operation, and for all standard shapes and sizes of shanks.

### Types, or Models

*Model H7SD* is the standard dry machine with chuck for  $\frac{7}{8}$ " Hex x  $3\frac{1}{4}$ " shank. This is the type most commonly used in quarries and on road jobs and contracting work. It will readily drill holes to a depth of 18 feet.

The *H7S2D* machine is like the *H7SD*, but has a chuck for 1" Hex x  $4\frac{1}{4}$ ".

### General Description

The *H7* is an all-drop-forged machine, and the materials utilized in its manufacture have been selected with great care, aided by the knowledge and experience which is the result of many years of making good rock drills. Especial attention is directed to the novel blowing device, which is operated by shifting a wing lever from drilling to blowing position, and which does not require the operator to hold it at either point. When blowing the hole, a stream of air at full line pressure is put down through the hollow drill steel effectually cleaning the cuttings out of holes as deep as 25 feet by actual test. Effective hole-cleaning greatly increases drilling speed.

The steel puller is the same handy and efficient design we have used with great success on all our hand held drills. It has proven its worth by years

### SPECIFICATIONS of Cleveland H7 Sinker

Bore	$2\frac{1}{2}$ "; Stroke	$2\frac{1}{2}$ "
Length overall	Dry, 22"; Wet, 23"	
Weight with Throttle Valve	48 pounds	
Weight packed for shipment	68 pounds	
Air Hose recommended	$\frac{3}{4}$ "	
Pressure suggested	70-80 lbs. gage	
A No. 85 Compressor will operate an H7 machine at high efficiency.		

of satisfactory service.

The throttle is our well-known all-steel valve with the "Never-loose" handle. The handle stays on; you do not have to hunt for it in the muck when you want to turn the machine off.

An unusually large oil pocket is provided in the handle, and a device of patented design insures uniform feeding of the lubricant into the working parts at all times. An ingenious retainer prevents loss of the oil plug.

The rotation is exceptionally powerful, a characteristic of the Cleveland spool valve action which is patented and used only on our machines.

The hand grips are just a comfortable size for the hands, and are made of soft and resilient rubber.

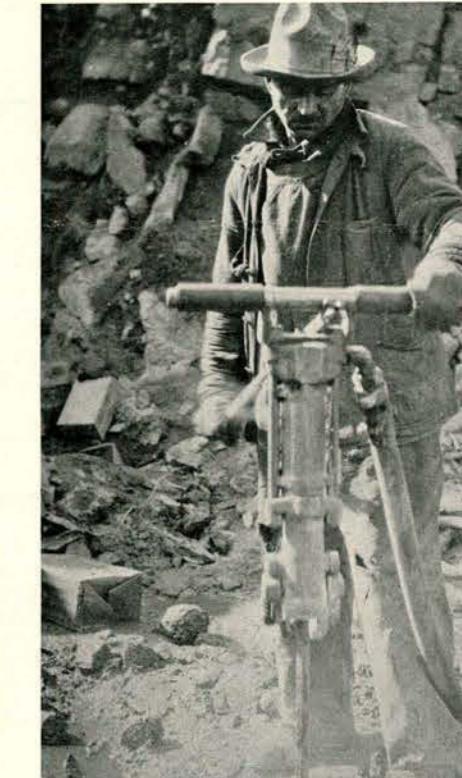
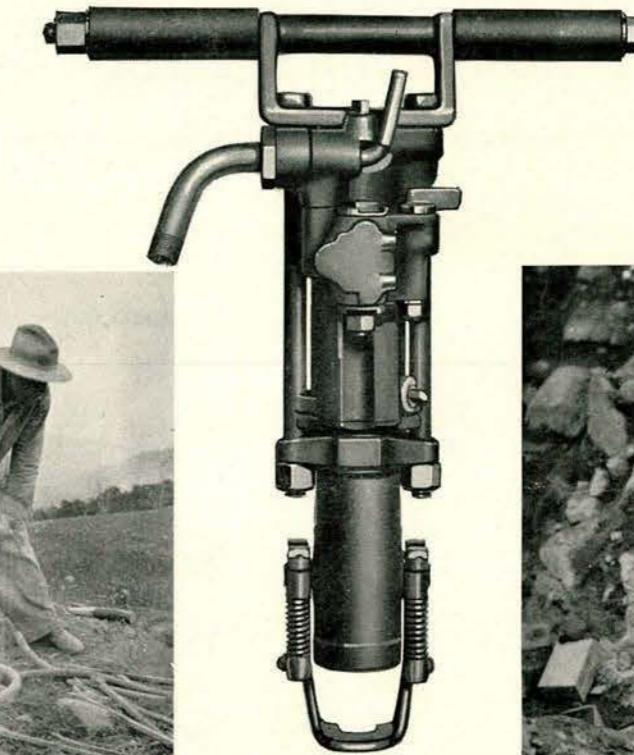
Due to its very rapid cutting speed the Cleveland *H7* is becoming more

and more popular as a mounted machine, even when placed in competition against drills built for much heavier service. The mounting provided is light and at the same time most rugged. By loosening only two nuts, the drill may be taken out of the mounting and used as a hand machine. Ample locking devices have been provided to prevent the vibration from loosening the nuts, and the design is such that the water tube can be readily removed without dismounting the drill.

Taken altogether, the Cleveland *H7* is a powerful, well-balanced, highly efficient machine, capable of giving a good account of itself in any kind of company. Full stocks of machines and spare parts are maintained at our many branches and distributing points throughout this country and abroad.



## Cleveland H17 Sinker



At the left—a Cleveland *H17* Sinker being operated on the Sky Line Drive in the Blue Ridge Mountains. The Sinker being used in both these action pictures has the open type of handle.

At the right—the *H17* being operated on a foundation job in New York City.

Originally designed for "line-drilling" on foundation jobs, the Cleveland *H17* Sinker has proven itself so thoroughly satisfactory for all conditions where a dry machine is desired that it has come into general use throughout the country.

The machine is so designed as to have one side entirely clear, and at a minimum distance from the center line of drilling. The construction of the *Model H17F* involves a flat handle bar with rubber hand grips, this arrangement making the unit short and compact. The swivel air connection and throttle

are conveniently located in the back head, and the blowing valve handle is close to the operator's left hand.

Like its mate machine, the Cleveland *H77*, the *H17* is a fast driller, easy to handle, powerful in rotation, and highly efficient in hole blowing. The simple steel puller is easily opened by hand, but retains the steel securely and can not be accidentally unlatched. The *H17* is recommended for holes to 18' depth. It is guaranteed to use less air per foot of hole drilled than any competitive make of machine.

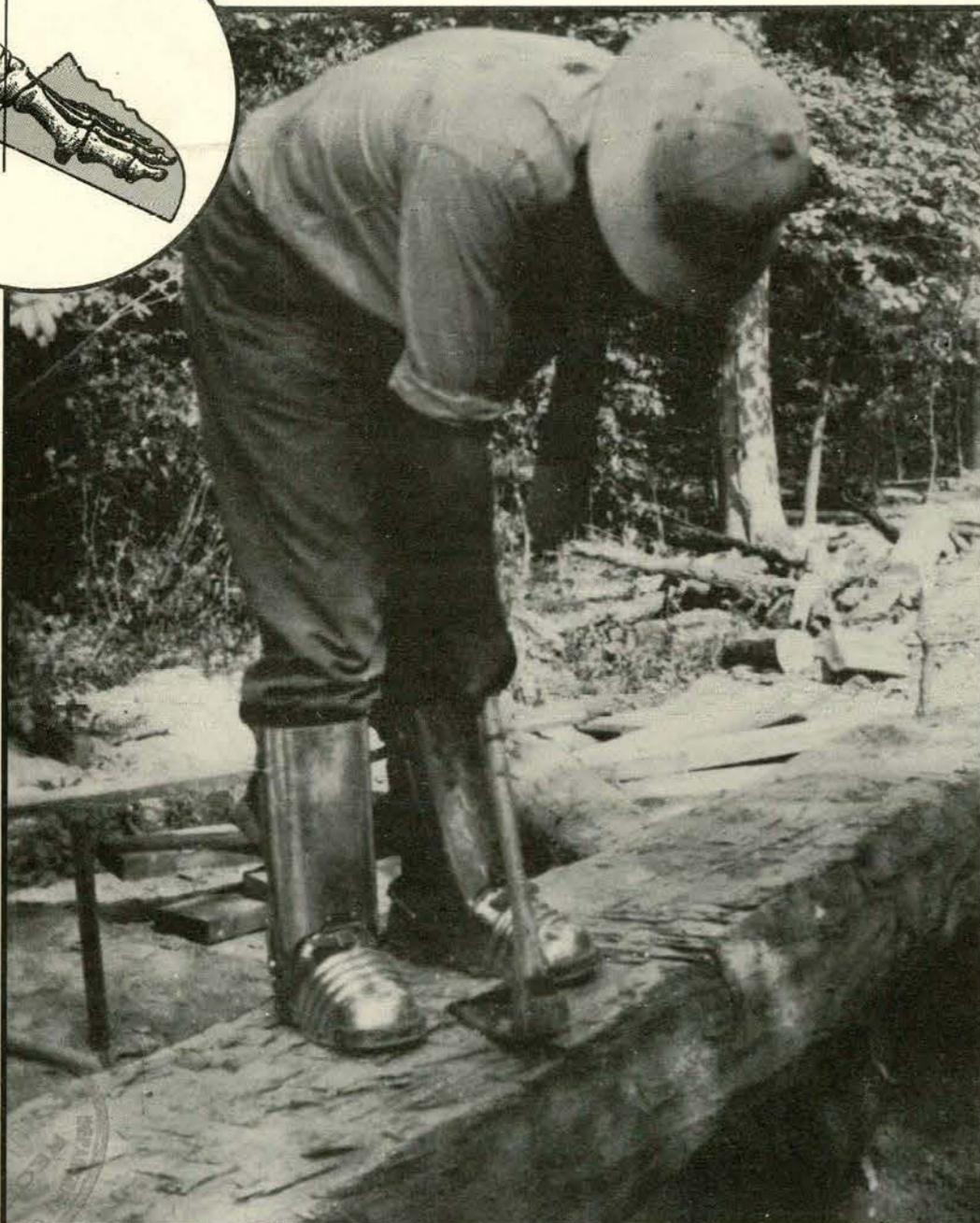
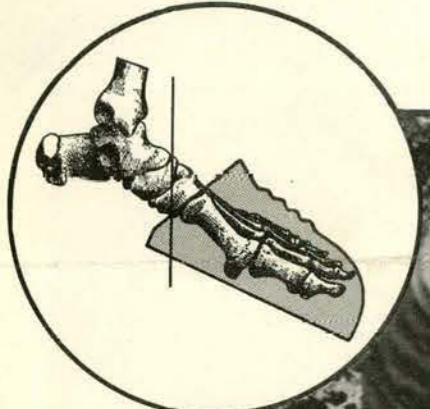
### SPECIFICATIONS

Bore and Stroke	$2\frac{1}{2}$ " x $2\frac{5}{8}$ "
Weight with Chuck for $3\frac{1}{4}$ " Shank	57 lbs.
Weight with Chuck for $4\frac{1}{4}$ " Shank	58 lbs.
Shipping Weight	79 lbs.
Length Overall	$25\frac{3}{8}$ "
Distance from Outside of Cylinder to Center Line of Drill	$15\frac{1}{8}$ "
Air Hose Required	$\frac{3}{4}$ "
Pressure Suggested	75 to 80 lbs. gage
A No. 85 compressor will operate the <i>H17</i> at full efficiency.	

# SANKEY COMBINATION FOOT and SHIN GUARDS

Manufactured and Distributed by

THE ELLWOOD SAFETY APPLIANCE CO.  
223 SIXTH STREET  
ELLWOOD CITY, PENNA.



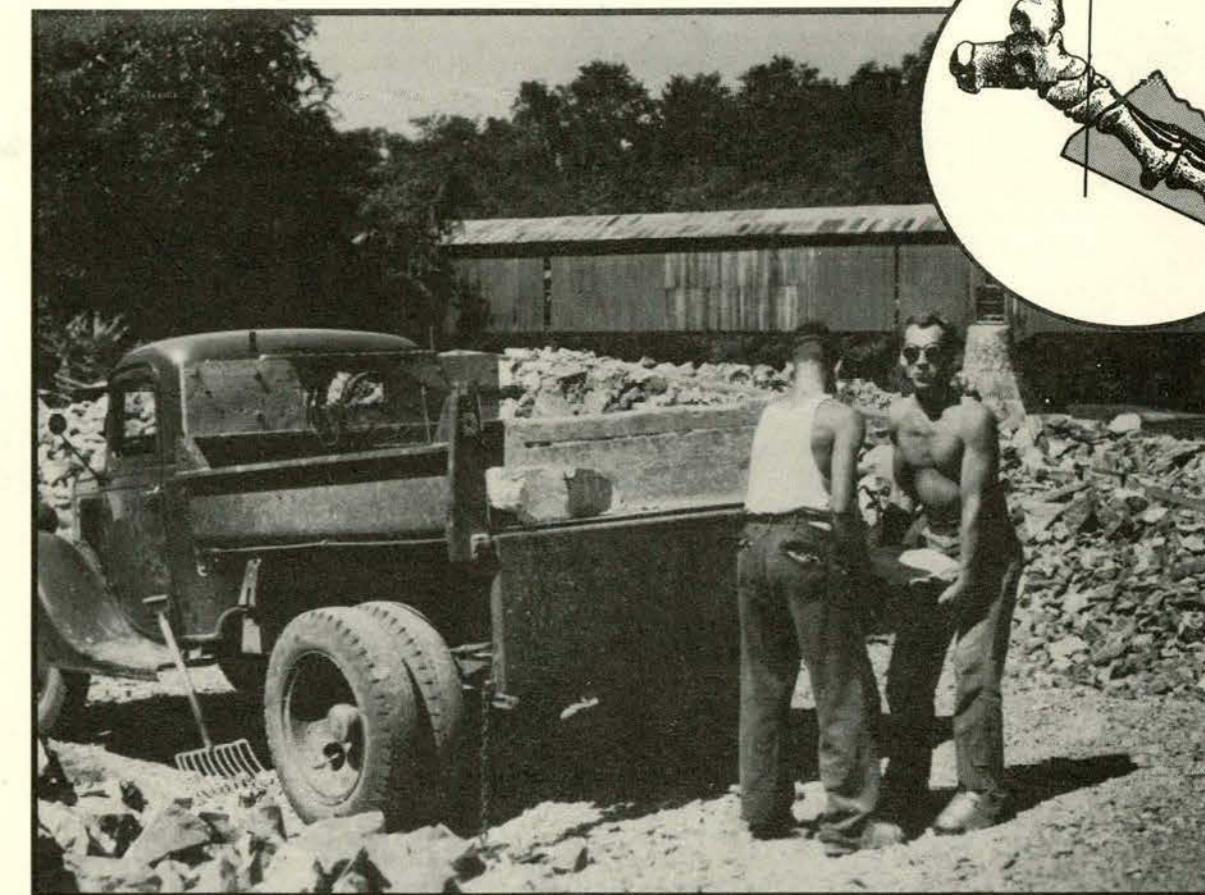
FOR DESCRIPTION AND USES, SEE FRONT AND INSIDE OF FOLDER

A314  
REPRODUCED  
1938  
PRINTED  
IN U.S.A.

# SANKEY FOOT GUARDS

Manufactured and Distributed by

THE ELLWOOD SAFETY APPLIANCE CO.  
223 SIXTH STREET  
ELLWOOD CITY, PENNA.



THE SANKEY FOOT GUARD consists essentially of a metal shield to be worn over the shoe, whenever the foot is in danger of being either crushed or cut. This metal shield is designed to furnish a maximum amount of protection to the entire front part of the foot—not merely to the toes alone—against hazards from falling, rolling, or flying objects, or from accidental tool blows. It is made of a government specification aluminum alloy and, while lighter than an ordinary low rubber overshoe, it is designed to withstand the impact of one hundred pounds dropped from a height of three feet under test conditions, with a large factor of safety. Being made of aluminum alloy, the guard is light enough to be worn all day without discomfort or loss of efficiency. In order to keep the guard in its proper position on the foot, it is equipped with a rubber or steel toe clip, a steel cross bar, and a

leather or web strap to which is attached a "quick fastening device." This quick fastening device (a rubber covered steel spring which comes up around the heel) makes the guard very quick and easy to put on, and keeps it constantly in position without need of adjustment, and without tending to "bind" on the foot. The guard fits any shoe, (for exceptional cases a longer cross bar is available to widen the guard.) No "rights" and "lefts" are necessary.

The SANKEY COMBINATION FOOT AND SHIN GUARD consists of the above described foot guard, and in addition has a shin guard made of the same light but strong aluminum alloy, fastened to the foot guard with a strongly riveted hinge. This hinge permits free action of the leg both forward and backward. The hinge pin may be removed at any time, allowing the foot guard to be used alone. (An attachment can be furnished

# USED BY LEADING INDUSTRIAL CONCERNS AND BY THE UNITED STATES GOVERNMENT



to permit the shin guard to be used alone, also.) The shin guard extends around the front of the leg, through an arc of 180 degrees, affording very full protection to the leg from any rearward blow or flying object. It has an overall height (from the ground) of 15 inches, and the lower end extends below the hinge on either side, thereby affording more complete ankle protection. The shin guard is held against the leg either by an adjustable leather (or web) strap, passing through each side of the top rear of the shin guard, and around the leg, or by a rubber covered spring passing around the rear of the leg, and fastened with snap fasteners. Around the inside of the top of the shin guard is a protective strip of sponge rubber, one-half inch thick and one and one-half inches wide, to cushion the shock to the leg of any blow against the guard.

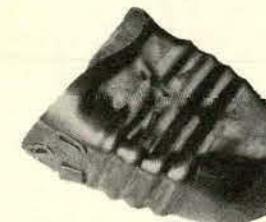
The SANKEY FOOT GUARD is especially recommended for use in loading or unloading, or stacking or piling, or handling, any kind of heavy materials which are likely to injure the feet if they slip or fall. These materials may be logs, timbers, posts, poles, iron or steel bars, pipe, rocks, stone, ice, heavy packing cases, or any other objects which create foot hazards. The guards are particularly useful where heavy pieces of low grade stone are being handled by more than one man, and have a tendency to break in two while being lifted. The foot guard also furnishes a large measure of protection against accidental blows of axes, adzes, mattocks, or other hand tools, it being practically impossible for a blow from any hand tool, however sharp, to penetrate the guard enough to injure the foot. However, in the case of the more dangerous hand tools, and particularly the adze, the combination foot and shin guard gives somewhat greater protection to the foot and ankle, and protects the shin as well.

The SANKEY COMBINATION FOOT AND SHIN GUARD of course gives the same basic protection to the foot that the foot guard alone does. In addition to that it also protects the ankle and shin against flying objects, such as pieces of rock, or rock particles, and against almost any kind of accidental hand tool

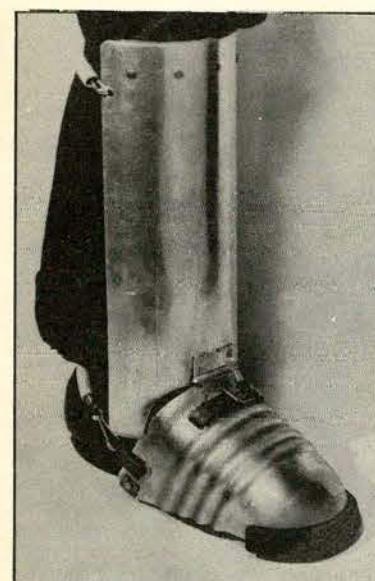
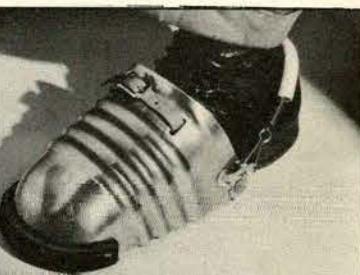
Sankey Guard  
Before Test



Sankey Guard  
After Test



Guillotine Testing Machine  
300 foot pounds Impact



Sankey Foot Guard

Sankey Shin-Foot Guard



1. Rubber Toe Clip

2. Leather Strap

3. Cross Bar

4. Quick Fastening Device

blows. It is very effective protection in the case of any axe operation on or near the ground, such as pile heading. It is particularly effective protection to a worker using an adze or a broadaxe, and in this connection it is important to note that the use of the guard does not interfere with the worker's footing, or with his freedom of movement.

The protection afforded by SANKEY GUARDS is doubly important in connection with the use of the more dangerous hand tools, such as the adze and the broadaxe. By removing the danger of the worker cutting himself, SANKEY GUARDS make it possible to train inexperienced workers in the use of such tools, with safety. This makes it unnecessary to restrict the use of these tools, and makes their use practical whenever desirable from a work standpoint, which of course increases efficiency. Every worker, whether experienced or not, who uses an especially dangerous tool, deserves to be furnished maximum protection.

Both the SANKEY FOOT GUARD, and the SANKEY COMBINATION FOOT AND SHIN GUARD, are substantially made, and will withstand a great deal of rough use. All parts, such as toe clips, cross bars, quick fasteners and straps, can easily be replaced at small cost, when and if necessary.

The SANKEY FOOT GUARD provides maximum foot protection at minimum cost. It not only protects the foot against greater weights or impacts, but protects a greater part of the foot than any other form of foot protection. When it is considered that the guards only have to be furnished to the men actually exposed to a definite foot hazard, and that one pair of SANKEY FOOT GUARDS will outlast several pairs of shoes, it will easily be seen that the relative cost of this maximum protection is very low in the long run.

SANKEY GUARDS have been used by the U. S. Army Engineers for over two and one half years. They have been approved (July 11, 1938) for particular operations, by the Civilian Conservation Corps, Washington, D. C., and may be purchased on requisition when needed, by cooperating agencies.



GIVE YOUR WORKERS' FEET AND SHINS REAL PROTECTION  
WITH SANKEY GUARDS

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY

IN REPLY REFER TO

404 U. S. Court House  
Portland, Oregon

CCC - Safety

November 5, 1938

Mr. V. H. Messake  
Mr. J. D. Sanders  
Mr. J. S. Green  
Mr. C. W. Jackson

Mr. J. R. Blatch  
Mr. W. H. Edmiston  
Mr. W. G. Oakden  
Mr. R. E. Towle

Dear Sirs:

There are enclosed copies of illustrative literature concerning Sankey foot guards for your perusal forwarded to this region by the Washington office.

Very truly yours,

Wilfred J. Gregson  
Regional CCC Inspector

WJG:RM  
cc - Terhune  
Laythe

## REQUISITION AND INVOICE

CENTRAL PURCHASE REGION 6

U.S. Biological Survey NATIONAL FOREST DATE June 10, 1936  
 SHIP NOT LATER THAN Immediately REQUISITION NO. 5  
 To Camp Bod. House RR-2 CHARGE APPROPRIATION 1017 RD F. Y.  
 Burns, Oregon 1688-B F. Y.  
 VIA Union Pacific Stages Inc. ECF F. Y.

FOREST— DO NOT USE	WHSE. ITEM NO.	ITEM	UNIT	AMOUNT ORDERED	✓	UNIT PRICE	TOTAL
						(FOREST—DO NOT USE)	
1273A		Tires, 5:50x17 heavy duty	ea	3			
		Tubes, 5:50x17 heavy duty	ea	3			
1960X	—	Bars 5/8"x3" mild iron	ea	3			
24084	—	Bolts 5/8x2" machine head	ea	50			
whose	—	Pads, Form 77-R.6 Requisition and Invoice	ea	3			
		OK JUN copy sent to BL					

MAIL ADDRESS B/L

SIGNATURE

Geo. W. Beers  
Chief Foreman CAM

TITLE

IN ALL CORRESPONDENCE REFER TO

INVOICE NO.

CHECKED BY

U. S. GOVERNMENT PRINTING OFFICE 8-6813

WAREHOUSE

## REQUISITION AND INVOICE

CENTRAL PURCHASE REGION 6

U.S. Biological Survey NATIONAL FOREST

DATE June 10, 1936

SHIP NOT LATER THAN Immediately

REQUISITION NO. 5

To Camp Red House HF-2

CHARGE APPROPRIATION NO. 53 F. Y.

BURNS, Oregon.

1655-P F. Y.

VIA Union Pacific Stages Inc.

F. Y.

FOREST— DO NOT USE	WHSE. ITEM NO.	ITEM	UNIT	AMOUNT ORDERED	✓	UNIT PRICE	TOTAL
						(FOREST—DO NOT USE)	
1955X	—	Used, 4" boiler pipe 12" long	pc	114			
Cancel	—	Rough fir free from big knots 4"x4"x12	pc	24			
2283X	{	Spigots for oil drums, 2½"	ea	2			
		Spigots for oil drums, 1"	ea	1			
		Wheelbarrows for pouring cement into forms. These to be the narrow & deep type, not wide and shallow	ea	2			
2227X	—	Keyhole saw, complete set	ea	1			
Wheels	{	Keg, 6d finish nails	keg	1			
		Keg, 8d finish nails	keg	1			
2227X	{	Bolts, 3/8x4½ carriage	c	100			
		Trowel plasterer,	ea	6			
2284X	{	Penetrating oil,	gal	1			
		Chamois skin for washing windshield	ea	1			
		Tires 5.00x16 heavy duty	ea	4			
		Tube for tires 5.00x16 heavy duty	ea	4			
1273X	{	Tires 5:25x17 heavy duty	ea	2			
		Tubes 5:25x17 heavy duty	ea	2			

MAIL ADDRESS B/L

SIGNATURE

Geo. W. Beers  
Chief Foreman CAM

IN ALL CORRESPONDENCE REFER TO

INVOICE NO.

CHECKED BY

U. S. GOVERNMENT PRINTING OFFICE 8-8818

WAREHOUSE

## INVOICE

BENNETT MOTOR COMPANY

BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	AMT.	PART NO.	ARTICLE	UNIT	TOTAL	DIS.
5/2/36	1	600185	king pin set	1.75	1.75	.52 F
	2	601019	king pin sets	2.25	4.50	1.35
5/6/36	2	659	fan belts	.60	1.80	.54
	10	2330	lamps	.35	3.50	1.05
	10	63	lamps	.15	1.50	.45
	2	1859485		.60	1.20	.36
	1	357141		.35	.35	.10
	1	837826		3.50	3.50	1.05
	6		tape	.20	1.20	.30 M
	6		grease fittings	.15	.90	.27 F
	12		stove bolts and nuts	.02	.24	.07
	24		3/8 x 2 bolts	net	1.92	.57
	1	1853593	armature	4.00	4.00	1.20
	1	1857962	brush set	.30	.30	.09
5/7/36	36		3/8 x 2½ bolts	.10	3.60	1.08
	3	doz.	3/8 locks	.10	.30	.09
	9	5/8 x 1	bolts	.10	.90	.27
	12	5/8	lock washers	net	.10	.03
	36	1/4	flat washers	net	.30	.09
	36	1/4 x 2½	bolts and nuts	net	.75	.22
	3 doz.	1/4	locks	net	.10	.03
	36	3/8	nuts	net	1.08	.32
					33.79	

*Baldwin* 23.74 10.05

Except as noted above or otherwise indicated herein all articles, materials and supplies furnished under this contract, if unmanufactured articles, materials and supplies have been mined or produced in the United States, and if manufactured articles, materials and supplies, they have been manufactured in the United States all from articles, materials and supplies mined, produced or manufactured, as the case may be, in the United States.

Certified correct and just, and payment therefor not received. No Federal tax is included.

BENNETT MOTOR COMPANY


 Muriel Hoffman  
ACCT.

## INVOICE

BENNETT MOTOR COMPANY

BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	AMT.	PART NO.	ARTICLE	UNIT	TOTAL DIS.
5/2/36	1	600185	king pin set	1.75	1.75 .52 F
	2	601019	king pin sets	2.25	4.50 1.35
5/6/36	2	659	fan belts	.60	1.80 .54
	10	2320	lamps	.35	3.50 1.05
	10	63	lamps	.15	1.50 .45
	2	1859485		.60	1.20 .36
	1	357141		.35	.35 .10
	1	857826		3.50	3.50 1.05
	6		tape	.20	1.20 .30 M
	6		grease fittings	.15	.90 .27 F
	12		stove bolts and nuts	.02	.24 .07
	24		3/8 x 2 bolts	net	1.92 .57
	1	1853593	armature	4.00	4.00 1.20
	1	1857962	brush set	.30	.30 .09
5/7/36	36		3/8 x 2½ bolts	.10	3.60 1.08
	3	doz.	3/8 locks	.10	.30 .09
	9	5/8 x 1	bolts	.10	.90 .27
	12	5/8	lock washers	net	.10 .03
	36	1/4	flat washers	net	.30 .09
	36	1/4 x 2½	bolts and nuts	net	.75 .22
	3 doz.	1/4	locks	net	.10 .03
	36	3/8	nuts	net	1.08 .32

33.79

*Bal Due 23.74 10.05*

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BENNETT MOTOR COMPANY

Merrill Huffman  
AEST. ACCT.

## INVOICE

BENNETT MOTOR COMPANY

BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	AMT.	PART NO.	ARTICLE	UNIT	TOTAL DIS.
5/2/36	1	600185	king pin set	1.75	1.75 .52 F
	2	601019	king pin sets	2.25	4.50 1.35
5/6/36	2	659	fan belts	.60	1.20 .54
	10	2370	lamps	.35	3.50 1.05
	10	63	lamps	.15	1.50 .45
	2	1859485		.60	1.20 .36
	1	357141		.35	.35 .10
	1	837826		3.50	3.50 1.05
	6		tape	.20	1.20 .30 M
	6		grease fittings	.15	.90 .27 F
	12		stove bolts and nuts	.02	.24 .07
	24		5/8 x 2 bolts	net	1.92 .57
	1	1853593	armature	4.00	4.00 1.20
	1	1857962	brush set	.30	.30 .09
5/7/36	36		5/8 x 2½ bolts	.10	3.60 1.08
	3	doz.	5/8 locks	.10	.30 .09
	9	5/8 x 1	bolts	.10	.90 .27
	12	5/8	lock washers	net	.10 .05
	36	1/4	flat washers	net	.30 .09
	36	1/4 x 2½	bolts and nuts	net	.75 .22
	3	doz. 1/4	locks	net	.10 .03
	36	5/8	nuts	net	<u>1.08</u> .32

33.79

10.05

*Baldue 23.74*

Except as noted above or otherwise indicated herein all articles, materials and supplies furnished under this contract, if unmanufactured articles, materials and supplies have been mined or produced in the United States, and if manufactured articles, materials and supplies, they have been manufactured in the United States all from articles, materials and supplies mined, produced or manufactured, as the case may be, in the United States.

Certified correct and just, and payment therefor not received. No Federal tax is included.

BENNETT MOTOR COMPANY


 Merrill Hoffman  
ASST. ACCT.

## INVOICE

BENNETT MOTOR COMPANY

BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	AMT.	PART NO.	ARTICLE	UNIT	TOTAL	DIS.
5/2/36	1	600185	king pin set	1.75	1.75	.52 F
	2	601019	king pin sets	2.25	4.50	1.35
5/6/36	2	659	fan belts	.60	1.20	.54
	10	2720	lamps	.35	3.50	1.05
	10	63	lamps	.15	1.50	.45
	2	1859485		.60	1.20	.36
	1	257141		.35	.35	.10
	1	257826		3.50	3.50	1.05
	6		tape	.20	1.20	.30 M
	6		grease fittings	.15	.90	.27 F
	12		stove bolts and nuts	.02	.24	.07
	24		5/8 x 2 bolts	net	1.92	.57
	1	1853523	armature	4.00	4.00	1.20
	1	1857962	brush set	.20	.20	.09
5/7/36	36		5/8 x 2 $\frac{1}{2}$ bolts	.10	3.60	1.08
	3	doz.	5/8 locks	.10	.30	.09
	9	5/8 x 1	bolts	.10	.90	.27
	12	5/8	lock washers	net	.10	.08
	36	1/4	flat washers	net	.20	.09
	36	1/4 x 2 $\frac{1}{2}$	bolts and nuts	net	.75	.22
	3	doz. 1/4	locks	net	.10	.03
	36	5/8	nuts	net	1.08	.32

33.79

*Baldwin* 23.74 <sup>10.05</sup>

Except as noted above or otherwise indicated herein all articles, materials and supplies furnished under this contract, if unmanufactured articles, materials and supplies have been mined or produced in the United States, and if manufactured articles, materials and supplies, they have been manufactured in the United States all from articles, materials and supplies mined, produced or manufactured, as the case may be, in the United States.

Certified correct and just, and payment therefor not received. No Federal tax is included.

BENNETT MOTOR COMPANY



ASST. ACCT.

## INVOICE

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS.
5/10/36	6		center bolts for front spr.	.15	.90	.27 F
	1	601977	lining set	1.75	1.75	.52
	5		clearance lights	.65	3.25	.97
	35 ft.		wiring	.05	1.75	.52
	1	601398	brake lining	6.75	6.75	1.92
	2		ground wires	.50	1.00	.30
	1		positive cable	1.00	1.00	.30
5/10/36	6		spark plugs	.65	3.90	1.17
	1	863149	tail lamp	2.15	2.15	.64
	2	601160	gasket	.20	.40	.12
	1		head gasket	.50	.50	.15
	1		permatax	.45	.45	.13
	3 ft.		hose	.50	1.50	.45
	3	379089	cap	.75	2.25	.67
	2	1855720	set points	.65	1.30	.39
	20	353298	packing	net	1.40	.42
5/12/36	3	1854761	horn wires	.40	1.20	.36
5/15/36	10		valve core	.05	.50	.15
	6		alemite fittings	.10	.60	.18
	48		bolts and nuts	net	2.40	.72
			lock and flat washer	0000000000000000		
				.15	.15	.04
5/16/36	6	1/4 x 3	bolts and nuts	.05	.30	.09
	12		spark plugs	.65	7.80	2.34
	2 bxs.		fuses	.25	.50	.15
	2	364317	gasket	.25	.50	.15
	25 ft.		copper tubing	net	3.75	1.12

Bal Due 33.71 14.24  
47.95

Except as noted above or otherwise indicated herein  
all articles, materials and supplies furnished under  
this contract, if unmanufactured articles, materials  
and supplies have been mined or produced in the  
United States, and if manufactured articles, materials  
and supplies, they have been manufactured in the  
United States all from articles, materials and  
supplies mined, produced or manufactured, as the case  
may be, in the United States.

Certified correct and just, and payment therefor  
not received. No federal tax is included.

BENNETT MOTOR COMPANY

*Manel Huffman*  
ASST. ACCT.

## INVOICE

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

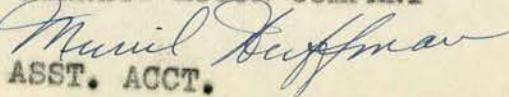
DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS.
5/10/36	6		center bolts for front spr.	.15	.90	.27 F
	1	601977	lining set	1.75	1.75	.52
	5		clearance lights	.65	3.25	.97
	35 ft.		wiring	.05	1.75	.52
	1	601398	brake lining	6.75	6.75	1.92
	2		ground wires	.50	1.00	.30
	1		positive cable	1.00	1.00	.30
5/10/36	6		spark plugs	.65	3.90	1.17
	1	863149	tail lamp	2.15	2.15	.64
	2	601160	gasket	.20	.40	.12
	1		head gasket	.50	.50	.15
	1		permatax	.45	.45	.13
	3 ft.		hose	.50	1.50	.45
	3	379089	cap	.75	2.25	.67
	2	1855720	set points	.65	1.30	.39
	20	353298	packing	net	1.40	.42
5/12/36	3	1854761	horn wires	.40	1.20	.36
5/15/36	10		valve core	.05	.50	.15
	6		alemite fittings	.10	.60	.18
	48		bolts and nuts	net	2.40	.72
			lock and flat washer	0000000000000000		
				.15	.15	.04
5/16/36	6	1/4 x 3	bolts and nuts	.05	.30	.09
	12		spark plugs	.65	7.80	2.34
	2 bxs.		fuses	.25	.50	.15
	2	364317	gasket	.25	.50	.15
	25 ft.		copper tubing	net	3.75	1.12

Bal Due 47.95  
33.71 14.24

Except as noted above or otherwise indicated herein all articles, materials and supplies furnished under this contract, if unmanufactured articles, materials and supplies have been mined or produced in the United States, and if manufactured articles, materials and supplies, they have been manufactured in the United States all from articles, materials and supplies mined, produced or manufactured, as the case may be, in the United States.

Certified correct and just, and payment therefor not received. No federal tax is included.

BENNETT MOTOR COMPANY



Merrill Buffman  
ASST. ACCT.

## INVOICE

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
FF 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS.
5/10/36	6		center bolts for front spr.	.15	.90	.27 F
	1	601977	lining set	1.75	1.75	.52
	5		clearance lights	.65	3.25	.97
	35 ft.		wiring	.05	1.75	.52
	1	601398	brake lining	6.75	6.75	1.92
	2		ground wires	.50	1.00	.30
	1		positive cable	1.00	1.00	.30
5/10/36	6		spark plugs	.65	3.90	1.17
	1	863149	tail lamp	2.15	2.15	.84
	2	601160	gasket	.30	.40	.12
	1		head gasket	.50	.50	.15
	1		permatax	.45	.45	.13
	3 ft.		hose	.50	1.50	.45
	3	379089	cap	.75	2.25	.67
	2	1855720	set points	.65	1.30	.39
	20	353298	packing	net	1.40	.42
5/12/36	3	1854761	horn wires	.40	1.20	.36
5/15/36	10		valve core	.05	.50	.15
	6		alemite fittings	.10	.60	.18
	48		bolts and nuts	nft	2.40	.72
			lock and flat washer	0000000000000000		
				.15	.15	.04
5/16/36	6	1/4 x 3	bolts and nuts	.05	.30	.09
	12		spark plugs	.65	7.80	2.54
	2 bxs.		fuses	.25	.50	.15
	2	364317	gasket	.25	.50	.15
	25 ft.		copper tubing	net	3.75	1.12

47.95      14.24

33.71

Except as noted above or otherwise indicated herein all articles, materials and supplies furnished under this contract, if unmanufactured articles, materials and supplies have been mined or produced in the United States, and if manufactured articles, materials and supplies, they have been manufactured in the United States all from articles, materials and supplies mined, produced or manufactured, as the case may be, in the United States.

Certified correct and just, and payment therefor not received. No federal tax is included.

BENNETT MOTOR COMPANY

Muriel Huffman  
ASST. ACCT.

## I N V O I C E

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BY 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS.
5/10/36	6		center bolts for front spr.	.15	.90	.27 P
	1	601977	lining set	1.75	1.75	.52
	5		clearance lights	.65	3.25	.97
	25 ft.		wiring	.05	1.75	.52
	1	601898	brake lining	6.75	6.75	1.92
	2		ground wires	.50	1.00	.30
	1		positive cable	1.00	1.00	.30
5/10/36	6		spark plugs	.65	3.90	1.17
	1	863149	tail lamp	2.15	2.15	.64
	2	601180	gasket	.20	.40	.12
	1		head gasket	.50	.50	.15
	1		permatax	.45	.45	.13
	3 ft.		hose	.50	1.50	.45
	3	379089	cap	.75	2.25	.67
	2	1855720	set points	.65	1.30	.39
	20	553298	packing	net	1.40	.42
5/12/36	5	1254761	horn wires	.40	2.00	.76
5/15/36	10		valve core	.05	.50	.15
	6		alemite fittings	.10	.60	.18
	48		bolts and nuts	net	2.40	.72
			lock and flat washer	0000000000000000		
				.15	.15	.04
5/18/36	6	1/4 x 3	bolts and nuts	.05	.30	.09
	12		spark plugs	.65	7.80	2.34
	2 bxs.		fuses	.25	.50	.15
	2	364817	gasket	.25	.50	.15
	25 ft.		copper tubing	net	2.75	1.12

Bal Due 47.95 33.71 14.24

Except as noted above or otherwise indicated herein all articles, materials and supplies furnished under this contract, if unmanufactured articles, materials and supplies have been mined or produced in the United States, and if manufactured articles, materials and supplies, they have been manufactured in the United States all from articles, materials and supplies mined, produced or manufactured, as the case may be, in the United States.

Certified correct and just, and payment therefor not received. No federal tax is included.

BENNETT MOTOR COMPANY

Muriel Huffman  
ASST. ACCT.

## I N V O I C E

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

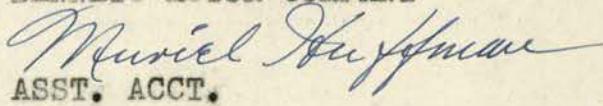
DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS.
5/25/36	1	374818	cushion	7.50	7.50	2.20
	4 qt.		brake fluid	net	4.00	1.20
	1		valve refacer	net	12.00	3.60
	1		valve grinder	net	7.25	2.17
	12	3/8	bolts & nuts	.10	1.20	.36
	18	3/8 x 2 $\frac{1}{2}$	bolts	net	2.16	.64
	12	3/8 x 1 $\frac{1}{2}$	bolts & nuts	.10	1.20	.36
	12	3/8 x 2 $\frac{1}{2}$	bolts & nuts	net	1.44	.43
				<u>36.75</u>		<u>10.96</u>

*Bal Due 25.79*

Except as noted above or otherwise indicated herein all articles, materials and supplies furnished under this contract, if unmanufactured articles, materials and supplies have been mined or produced in the United States, and if mined or produced in the United States, and if manufactured articles, materials and supplies, they have been manufactured in the United States all from articles, materials and supplies mined, produced or manufactured, as the case may be, in the United States.

Certified correct and just, and payment therefor not received. No federal tax is included.

BENNETT MOTOR COMPANY



ASST. ACCT.

## I N V O I C E

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS.
5/25/36	1	374818	cushion	7.50	7.50	2.20
	4	ct.	brake fluid	net	4.00	1.20
	1		valve refacer	net	12.00	3.60
	1		valve grinder	net	7.25	2.17
	12	5/8	bolts & nuts	.10	1.20	.36
	18	5/8 x 2 $\frac{1}{2}$	bolts	net	2.16	.64
	12	5/8 x 1 $\frac{1}{2}$	bolts & nuts	.10	1.20	.36
	12	5/8 x 2 $\frac{1}{2}$	bolts & nuts	net	<u>1.44</u>	<u>.43</u>
					<u>36.75</u>	<u>10.96</u>

*Bal Due 25.79*

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BENNETT MOTOR COMPANY



ASST. ACCT.

## I N V O I C E

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS.
5/25/36	1	374618	cushion	7.50	7.50	2.20
	4 qt.		brake fluid	net	4.00	1.20
	1		valve refacer	net	12.00	3.60
	1		valve grinder	net	7.25	2.17
	12	3/8	bolts & nuts	.10	1.20	.36
	18	3/8 x 2 $\frac{1}{2}$	bolts	net	2.16	.64
	12	3/8 x 1 $\frac{1}{2}$	bolts & nuts	.10	1.20	.36
	12	3/8 x 2 $\frac{1}{2}$	bolts & nuts	net	<u>1.44</u>	<u>.43</u>
					36.75	

Bal Due 25.79 10.96

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Certified correct and just, and payment therefor not received. No federal tax is included.

BENNETT MOTOR COMPANY

ASST. ACCT.

## I N V O I C E

BENNETT MOTOR COMPANY      BURNS, OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL DIS.
5/25/36	1	374618	cushion	7.50	7.50
	4 qt.		brake fluid	net	4.00
	1		valve refacer	net	12.00
	1		valve grinder	net	7.25
12	3/8		bolts & nuts	.10	1.20
12	3/8 x 2 $\frac{1}{2}$		bolts	net	2.18
12	3/8 x 1 $\frac{1}{2}$	bolts & nuts		.10	1.20
12	3/8 x 2 $\frac{1}{2}$	bolts & nuts		net	1.44
					<u>36.75</u>

Bal Due 25.79      10.96

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BENNETT MOTOR COMPANY



Merrill Huffman  
ASST. ACCT.

## I N V O I C E

BENNETT MOTOR COMPANY

BURNS OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

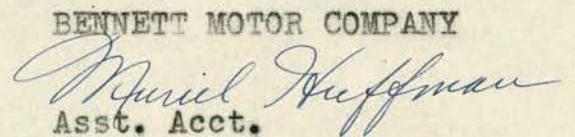
DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS
5/20/36	2	373344	bearing	.25	.50	.15F
	1	374866	seat	5.00	5.00	1.50
5/22/36	1	374865	seat	5.00	5.00	1.50
	1	261353	sector	2.43	2.43	.72
5/26/36	3	261489	shaft & worm	2.85	8.55	2.55
	1		king pin bushing reamer	net	8.75	2.62
	7		clearance lights	.65	4.55	1.36
5/26/36	3	377307	spring	5.50	16.50	4.95
	3	379648	bushing	.10	.30	.09
	3	373199	pin	.15	.45	.13
					52.03	
						15.57

*Bal Due* 36.46

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BENNETT MOTOR COMPANY



Asst. Acct.

## I N V O I C E

BENNETT MOTOR COMPANY

BURNS OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS
5/20/36	2	373344	bearing	.25	.50	.15F
	1	374866	seat	5.00	5.00	1.50
	1	374865	seat	5.00	5.00	1.50
5/22/36	1	261353	sector	2.43	2.43	.72
	3	261489	shaft & worm	2.85	8.55	2.55
	1		king pin bushing reamer	net	8.75	2.62
5/26/36	7		clearance lights	.65	4.55	1.36
	3	377307	spring	5.50	16.50	4.95
	3	379648	bushing	.10	.30	.09
	3	373199	pin	.15	.45	.13

52.03

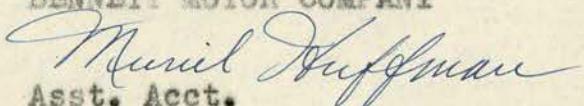
15.57

*Bal. Due* 36.46

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BENNETT MOTOR COMPANY



Asst. Acct.

## I N V O I C E

BENNETT MOTOR COMPANY

BURNS OREGON

U. S. BIOLOGICAL SURVEY  
BF 2 SOD HOUSE

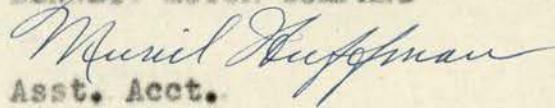
DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS
5/20/36	2	373344	bearing	.25	.50	.15F
	1	374866	seat	5.00	5.00	1.50
	1	374865	seat	5.00	5.00	1.50
5/22/36	1	261353	sector	2.43	2.43	.72
	3	261489	shaft & worm	2.85	8.55	2.55
	1		king pin bushing reamer	net	8.75	2.62
5/26/36	7		clearance lights	.65	4.55	1.26
	3	377307	spring	5.50	16.50	4.95
	2	379648	bushing	.10	.20	.09
	3	373199	pin	.15	.45	.13

52.03  
15.57*Bal. Due* 36.46

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BENNETT MOTOR COMPANY



Asst. Acct.

## I N V O I C E

BENNETT MOTOR COMPANY

BURNS OREGON

U. S. BIOLOGICAL SURVEY  
RF 2 SOD HOUSE

DATE	QUANTITY	PT. NO.	ARTICLE	UNIT	TOTAL	DIS
5/20/36	2	273244	bearing	.25	.50	.15F
	1	274866	seat	5.00	5.00	1.50
	1	274865	seat	5.00	5.00	1.50
5/22/36	1	261353	sector	2.42	2.42	.72
	2	261489	shaft & worm	2.85	2.55	2.55
	1		king pin bushing reamer	net	8.75	2.62
5/26/36	7		clearance lights	.65	4.55	1.36
	3	277207	spring	5.50	16.50	4.95
	3	279648	bushing	.10	.30	.09
	3	273199	pin	.15	.45	.13

52.03

15.57

*Bal Due 36.46*

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BENNETT MOTOR COMPANY

Muriel Huffman  
Asst. Acct.

Memo.

Camp Sod House BF-2  
Burns, Oregon  
June 25, 1936

Memorandum for Shirley Buck

Forest Service  
219 Mayer Bldg  
Portland, Oregon

Dear Sir:

Reference to our requisition No. 4 and your order No. 1433-x covering lumber which bid was awarded Morrill & Sturgeon Lumber Co. and sub let through Hines Lumber Co. Burns, Oregon.

We have misplaced your confirmation sheet, however we have received the 14000' as follows

2x4x16'	3000'	No. 2 S4S
1x8x14'	4000'	Shiplap No. 2
2x8x16'	4000'	No. 2 S4S
1x6x16'	3000'	Center match S4S No. 2

Very truly yours,

*Reid M. Beers*  
Geo. W. Beers  
Chief Foreman C&M

## REQUISITION AND INVOICE

CENTRAL PURCHASE REGION 6

U. S. Biological Survey ..... NATIONAL FOREST  
 SHIP NOT LATER THAN ..... Immediately  
 To ..... Camp Dog House BP-3  
 Burns, Oregon.  
 VIA ..... Union Pacific Stores, Inc.

DATE May 11, 1936

REQUISITION NO. 5

CHARGE APPROPRIATION MCP 1D F. Y.

RCW 1455-p F. Y.

F. Y.

FOREST— DO NOT USE	WHSE. ITEM NO.	ITEM	UNIT	AMOUNT ORDERED	✓	UNIT PRICE	TOTAL
						(FOREST—DO NOT USE)	
		Tires-5.50 x 17 for pickup	ea.	5			
		Tubes-5.50 x 17 for pickup	ea.	4			
		8 Ply tires-30 x 5, for trucks	ea.	2			
		8 Ply tubes-30 x 5, for trucks	ea.	3			
		10 Ply tires-32 x 6, for trucks	ea.	6			
		10 Ply tubes-32 x 6, for trucks	ea.	7			
		Goggle welding	ea.	1			
		Wrench, Lug, for GMC 1934	ea.	2			
		Adding Machine, desk type Dalton or equal	ea.	1			
<i>not required</i>							
<i>all not except guns. Price to high</i>							
<i>vouchered</i>							
<i>JM</i>							

MAIL ADDRESS B/L

SIGNATURE

George W. Beers  
Chief Foreman in Charge

TITLE

IN ALL CORRESPONDENCE REFER TO

INVOICE NO.

CHECKED BY

U. S. GOVERNMENT PRINTING OFFICE 8-8813

WAREHOUSE

*BT* 2  
Camp Buena Vista BF-3  
Central Office,  
Burns, Oregon.  
June 4th, 1936.

VOUCHERS TRANSMITTED TO WASHINGTON D C

\*\*\*\*\*

BLAINE DEVE S BF-1

U. S. Forest Service	53.72	4-11-36
U. S. Forest Service	21.00	5-4-36
U. S. Forest Service	74.19	5-11-36
Standard Oil Company	117.22	5-15-36
Standard Oil Company	17.89	5-15-36
Bennett Motor Company	30.52	1-5,28-36
U.P. Stages Inc		
B/L A-699724 & Form 1068 number 362	1.12	1-23-36

GEORGE W. BEERS BF-2

Bunting Tractor Company	12.25	6-1-36
Basche-Sage Hardware Co.	26.90	4-30 -- 5-7-36
I. R. Cox	4.00	5-15-36
Standard Oil Company	2.85	5-2-36
Standard Oil Company	119.00	5-1,16-36
Standard Oil Company	8.91	5-16-36
Wentworth & Irwin	31.85	5-28-36
Western Union	1.29	5-1,31-36
Central Oregon Tele. Co.,	8.30	4-21 to 5-2
U.S. Forest Service	512.44	4-8-36
Associated Oil Company	28.48	5-28-36

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Shalor C. Elbridge, Clerk  
Central Office Camp BF-3.

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY

Camp Buena Vista BF-3,  
Burns, Oregon.  
June 1, 1936.

VOUCHERS TRANSMITTED TO WASHINGTON D. C.

GEORGE BEERS BF-2

Dillman Hardware	\$76.63	5-18-36
Ranch Supply Co.	23.56	5-13-36
E. C. Eberly	3.43	5-6-36
Burns, Lumber Co., Inc.	33.88	5-7-36
U. S. Hackney	8.00	5-11-36
D-A Lubricant Co. Inc.	48.46	5-11-36
Bunting Tractor Co.	13.61	5-16-36
Air Reduction Sales Co.	12.73	5- 8-36
Associated Oil Co.	17.51	5- 4-36
Union Oil Co. of Calif.	28.00	5- 7-36
Idaho Hardware & Plumb.	9.33	5-23-36
Basche-Sage Hardware Co.	26.90	4-30-36
		5- 7-36

Shalor C. Eldridge, Clerk,

Attached to Camp Bf-3, Ore.

# PICK OUT the GOODYEAR Best Suited to Your Needs

## 1. G-3 ALL-WEATHER AIRWHEEL AND BALLOON PASSENGER TIRES

*Tps Item Numbers 1 to 56 incl.*

For quality, long wear and traction the Goodyear line of Airwheel tires in regular balloon sizes gives you better value than any other. The tread is wider, flatter with more center traction blocks—for sure traction, slow wear. Wider riding ribs give long wear and easier steering. Has an average of two pounds more rubber in the tire. The safest tire ever built—thousands of actual tests prove this tread grips and stops quicker than any other. And beneath the tough long-wearing tread you get unsurpassed blow-out protection from Goodyear patented Supertwist cord in every ply. All this adds up to 43% more non-skid mileage at no extra cost.

## 2. STUDDED PASSENGER AND TRUCK TIRES

*Tps Item Numbers 129 to 138 incl., 142, 146, 160-3, 160-7, 160-8, 167-1.*

In deep mud, snow, sand, on back roads in the worst weather, the Goodyear Studded Tire carries you safely, surely along. It is ideal for cars and light trucks that must face tough conditions in winter or summer. The Studded Tire gives you the most powerful pull you ever saw. It is self-cleaning and will not clog. It goes through—without chains. And there is long wear in the extra heavy deep tread blocks with thick rubber beneath and under that a body of durable Supertwist cord.

## 3. STOP-START PASSENGER AND TRUCK TIRES

*Tps Item Numbers 520 to 527 incl.*

This tire took its name from the service it was especially designed to meet—the constant stopping, starting, stopping, starting of certain cars and trucks in special service all day long every day. It is a service that literally grinds and scuffs away tread.

The Goodyear Stop-Start Tire ends this waste. It is designed and built to resist grueling tread wear. It stands up under city delivery work as no tire was ever known to do before.

30% deeper non-skid tread design. Double tread thickness. Extra heavy shoulders. Deep tread shoulder notches to disperse heat. Slow wearing tread design. A body of Supertwist Cord construction.

## 4. 7.00-15 HEAVY DUTY COMMERCIAL AIRWHEEL

*Tps Item No. 127*

This tire is a wonder for light truck service. It insures greater cushioning, longer wear, better traction, safety from blow-outs and lower gas consumption. It's a dandy for looks and will out-perform tires ordinarily sold for use on  $\frac{1}{2}$  and  $\frac{3}{4}$ -ton trucks.

## 5. ALL-WEATHER HIGH PROFILE HEAVY DUTY TRUCK TIRES.

*Included in Tps Item Numbers 61 to 124*

For years Goodyear truck tires have been famous for long mileage. This improved high profile truck tire is going to set the record still further ahead—much further.

Destructive internal heat generated in all truck tires under loads is greatly reduced by this improved construction—and faster escape is provided for this reduced heat.

It can add thousands of additional miles to the tire life you have been getting—particularly in carrying heavy loads at fast speed over long distances.

There are reasons for this:

One reason is pre-shrunk Supertwist Cord, twisted while wet, which gives a foundation strength to the body of the tire greater than other cords. Supertwist is far more enduring. In addition it permits use of a tougher rubber compound and construction features not possible in other tires.

The improved high profile Goodyear is bigger, sturdier, tougher. It's more tire—more rubber, more cotton, more air space, more sidewall area, more rubber in contact with the road. In every way it's more tire for your money.

Heat resisting rubber. In both tread and body, the rubber is chemically toughened to resist heat and to resist cuts and bruises. This means longer wear, blow-out protection. Higher profile construction—gives greater flexing area to reduce heat and to throw off what heat there is more readily. Maximum traction. That famous All-Weather Tread affords better grip—more pulling power, greater safety.

New, flat, high shoulder tread shape—for slow even wear and to distribute the load over a wide area.

Extra strong bead construction—with heavy, braided wire beads. No breaks from heavy swaying loads.

Pima cotton—longest fibre cotton grown—is used in Supertwist cord. It costs more, but is the finest, most enduring quality.

Greater body strength—because of patented pre-shrunk wet twisted Supertwist cord, the greatest cord ever developed for truck tires. Greater durability, long life.

## 6. DUMP TRUCK ALL-WEATHER TRUCK TIRES.

*Tps Item Numbers 69, 71 to 73, 75, 77, 79, 81 to 84 incl.*

The Dump Truck Special lives up to its name. It is a big favorite in Government operations where tire service is figured in terms of loads delivered, freedom from delays and long mileage. On and off the road, Dump All-Weather Tread means sure traction. Those heavy bars on the sidewall protect against ruts, rocks, injuries and increased traction in loose footing. Supertwist cord body and Goodyear's other patented construction features add up to longer tire life.

## 7. PNEUMATIC LUG

*Included in Tps Item Numbers 160-8 to 197.*

Sure grip regardless of roads, loads, weather. Look at the tread in this hard gripping Goodyear Pneumatic Lug Tire. There's the sure grip, the pull, to carry you through the worst sort of going—dirt roads, fields, excavations, loose rock—anywhere trucks go with heavy loads—anywhere tractors, power graders and road machinery work. This

special purpose Goodyear is easy rolling on pavements. Off the pavement, it will pull you through where other tires would mire down.

When going is rough, tough, soft, impossible, the Goodyear Pneumatic Lug will pull you through.

## 8. HEAVY DUTY CUSHION ALL-WEATHER (SOLID)

*Included in Tps Item Numbers 366 to 393.*

Goodyear All-Weather Heavy Duty Cushions are designed for operation where load capacity, mileage and powerful traction in slow heavy hauling are deciding considerations.

*Tps Item Nos. 395, 397, 400, 405.*

For speeds up to 25 miles an hour, Goodyear provides a Super Cushion Tire, built with unusually high tread over a hollow center—for added cushioning.

*Included in Tps Item Nos. 460 to 478.*

Numerous other solid tires are available in various types and tread designs for trucks, tractors and trailers.

## 9. INDUSTRIAL ALL-WEATHER SOLIDS

*Included in Tps Item Numbers 408 to 478.*

Furnished in all popular sizes in both the All-Weather and Smooth Tread Design.

Goodyear Industrial Solids include the Red Seal for power driven trucks, tractors and trailers—the Yellow Seal for hand trucks—and the Goodyear Red Ring for service into hot kilns, through slag or molten metal.

## 10. 7.50-15 RIBBED TRAILER

*Tps Item No. 90.*

Low Platform Trailers for transporting steam shovels and similar heavy equipment use this special 7.50-15 Heavy Duty Balloon Tire.

## 11. G-3 ALL-WEATHER MOTORCYCLE TIRES

*Tps Item Numbers 305 to 313.*

This great new G-3 has a heavier tread, specially compounded to withstand the grinding wear of the new fast-starting, quick-stopping high speed motorcycle—a tougher tread that gives amazing mileage without cupping or heel and toe wear.

It gives you more safety with 12½% more non-skid blocks in the center of the tread where you need grip most. It gives you full traction on curves with massive All-Weather non-skid blocks on shoulders and sidewalls.

## 12. ALL-WEATHER BICYCLE TIRES

*Tps Item Numbers 314, 316, 323.*

Available in 3-ply single tube construction and in the 2-ply Airwheel Balloon construction in all popular sizes. These tires have proven tremendously popular because of their exceptionally fine performance.

## 13. ALL TRACTION TRACTOR TIRES

*Included in Tps Item Numbers 324 to 355-4.*

Traction forward, backward and sideways—vastly improved this year—the finest tractor tire ever produced. It is the only tractor type tire with full traction all ways. It offers

more of everything—50% more traction, 30% more draw-bar pull, 100% more shoulder tread, 30% better cleaning, 48% more rubber by actual weight. A truly quality product.

## 14. PNEUMATIC INDUSTRIAL ALL-WEATHER TIRES

*Tps Item Numbers 482 to 500 incl., and 504.*

A new Goodyear development proving extremely popular because they are quiet, easier rolling, smarter in appearance than the metal wheel and solid tire wheel which they replace on all types of light rolling apparatus. They do not injure floors or lawns. They cushion loads.

Used on both power-driven and hand-propelled vehicles.

## 15. WHEELBARROW ALL-WEATHER TIRES.

*Tps Item Numbers 506 and 507.*

A special tire with a round tread design, for wheelbarrows, used over lawns, golf courses, cemeteries or anywhere where freedom from surface damage is essential. Provides ease and quietness of operation at increased speed—also extremely efficient when used in regular construction service.

## 16. GOODYEAR PUNCTURE SEAL TUBES FOR PASSENGER CARS OR TRUCKS.

*Included in Tps Item Numbers 200 to 265.*

One of the greatest tubes ever developed. With it you avoid delays, broken schedules, roadside changes, expense—because the Puncture Seal Tube closes up punctures, prevents flats. It is made of tough, extra thick rubber with a lining on the tread side of thick, soft, live puncture sealing compound that absolutely prevents air-leakage from punctures.

## 17. HIGH PRESSURE AIRPLANE CASINGS

*Tps Item Numbers 528 to 560 incl., and 625, 627.*

Built to Army-Navy Specifications in both non-skid and smooth treads. Orders must specify tread desired.

## 18. EXTRA LOW PRESSURE AIRPLANE AIRWHEELS

*Tps Item Numbers 628 to 643.*

Manufactured only by Goodyear and representing the ultimate in extra low pressure cushioning and safety. Smooth tread only.

If it isn't a Goodyear, it isn't an Airwheel.

## 19. LOW PRESSURE—INTERMEDIATE AIRPLANE CASINGS

*Included in Tps Item Numbers 571 to 595.*

Built to Army-Navy Specifications in both non-skid and smooth treads. Order must specify tread desired.

## 20. STREAMLINE TYPE AIRPLANE CASINGS

*Included in Tps Item Numbers 598 to 622.*

Built to U. S. Army Specifications for use primarily on certain types of military airplanes. Smooth tread only.

THESE TIRES WITH TUBES AVAILABLE UNDER CONTRACT TPS 11670

GOOD  YEAR

SHIPMENTS WILL BE MADE BY THE GOODYEAR TIRE & RUBBER COMPANY, INC.  
FROM THE FOLLOWING ADDRESSES.

\*INDICATES DISTRICT OFFICES TO WHICH ORDERS AND INQUIRIES SHOULD BE FORWARDED.

PROCUREMENT DIVISION CONTRACT TPS 11670

CITY AND STATE	STREET ADDRESS	CITY AND STATE	STREET ADDRESS
Akron, Ohio	1144 East Market St.	Lewiston, Idaho	
*Albany, N. Y.	318 Broadway	Little Rock, Ark.	610 Broadway
Albuquerque, N. M.	312 North 4th St.	*Los Angeles, Calif.	1323 S. Flower St.
Alexandria, La.	715 2nd St.	Louisville, Ky.	3rd and Guthrie
*Atlanta, Ga.	214 Spring St., N. W.	Medford, Ore.	Cor. Main and Pacific Highway
*Baltimore, Md.	Mt. Royal and Oliver Sts.	*Memphis, Tenn.	1128 Union Ave.
Billings, Mont.	Montana Ave. and 29th St.	*Milwaukee, Wisc.	118 S. 2nd Ave.
*Birmingham, Ala.	700 S. 21st St.	*Minneapolis, Minn.	418 Stinson Blvd.
Boise, Idaho	11th and Idaho Sts.	Missoula, Mont.	126 E. Broadway
*Boston, Mass.	61 Brookline Ave.	*Newark, N. J.	500-4 Central Ave.
*Buffalo, N. Y.	1335 Main St.	*New Orleans, La.	500-6 N. Carrollton Ave.
Butte, Mont.	207 S. Montana St.	*New York, N. Y.	600 W. 58th St.
Casper, Wyo.	228 South Center St.	Norfolk, Va.	1605-9 Granby St.
Charleston, W. Va.	212 Broad St.	Oakland, Calif.	24th and Harrison Sts.
*Charlotte, N. C.	205-7 East 7th St.	Ogden, Utah	348-23rd St.
Cheyenne, Wyo.	16th and Pioneer Ave.	*Oklahoma City, Okla.	2-10 E. 9th St.
*Chicago, Ill.	407-19 E. 25th St.	*Omaha, Nebr.	101-11 North 9th St.
*Cincinnati, Ohio	420-22 Commercial Sq.	Pensacola, Fla.	Gadsden and Alcaniz Sts.
*Cleveland, Ohio	Chester Ave. and 13th St.	*Philadelphia, Pa.	2750 N. Broad St.
Columbia, S. C.	1003-5 Gervais St.	Phoenix, Ariz.	2nd Ave. and W. Van Buren
*Columbus, Ohio	Spring and Third	*Pittsburgh, Pa.	4760 Centre Ave.
*Dallas, Texas	3809 Parry Ave.	Pocatello, Idaho	231 S. Main St.
*Denver, Colo.	1545 Lincoln St.	*Portland, Ore.	1400 N. W. Raleigh St.
*Des Moines, Iowa	1400 Walnut St.	Redding, Calif.	1420 Butte St.
*Detroit, Mich.	2817 E. Grand Blvd.	Reno, Nev.	332 N. Virginia St.
*El Paso, Texas	1331 Texas St. at Newman	Richmond, Va.	W. Broad St. and Allen Ave.
Eureka, Calif.	4th and D Sts.	*Sacramento, Calif.	1724 Tenth at "R" St.
*Fargo, N. D.	116 Fifth St.	*St. Louis, Mo.	4210 Forest Park Blvd.
Great Falls, Mont.	314-316 First Ave., N.	*Salt Lake City, Utah	980 S. Main St. Fayette
Harrisburg, Pa.	241-49 S. Cameron St.	*San Antonio, Texas	1345 S. Flores St.
*Hartford, Conn.	100 High St.	San Diego, Calif.	1301 State St.
*Houston, Texas	407-11 N. Main St.	*San Francisco, Calif.	1473 Mission St.
*Indianapolis, Ind.	602 N. Capitol Ave.	*Seattle, Wash.	971 Thomas St.
*Jacksonville, Fla.	141 N. Myrtle Ave.	Sioux Falls, S. D.	219 S. Main Ave.
*Kansas City, Mo.	2300 McGee Trafficway	*Spokane, Wash.	121 E. Sprague Ave.
Knoxville, Tenn.	813 Market St.	*Syracuse, N. Y.	510 E. Water St.
Las Vegas, Nev.	3rd and Fremont Sts.	Tucson, Ariz.	6th St. and 6th Ave.
		*Washington, D. C.	Connecticut Ave. and "N" St., N. W.

The Goodyear Tire & Rubber Company, Inc.

Akron, Ohio

July 31, 1936

Camp Superintendent  
CCC Camp 269  
Burns, Oregon

Dear Sir:

You already know that all types and sizes of Goodyear tires and tubes are available to all departments and agencies of the Federal Government under Treasury Department, Procurement Division contract TPS-11670, extending through September 30, 1936.

Therefore, this letter is written only as a reminder that the Goodyear contract number is TPS-11670, and to give you this self explanatory illustrated folder which we hope you will find of real interest and practical value.

The illustrations and descriptions will help you select the correct Goodyear treads for your operating conditions, the contract item numbers are provided for your ready reference in making up orders or requisitions and the contract number is shown so that it may be placed on your requisitions.

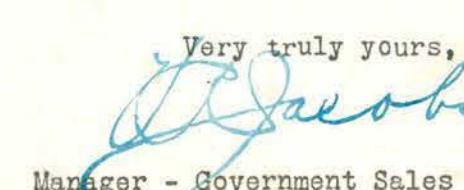
Goodyear distributing points are listed for your use in mailing orders between the calls of your Goodyear salesman.

If you want a confidential official price list covering all types and sizes of Goodyear tires with contract item numbers shown opposite each, ask your Goodyear salesman for a copy or drop us a line with your official title and the list will be mailed promptly.

We also want you to feel free to write the Goodyear District Manager nearest you, as shown by the list, or to write this office for any information which you feel will be of value and you may be certain your Goodyear salesman, when he next calls, will welcome whatever opportunity you may afford him to cooperate in analyzing your tire requirements so that you will be in position to select those types and sizes which will render most satisfactory and economical service on your motor vehicles.

And don't forget -- the contract number is TPS-11670.

Very truly yours,



Manager - Government Sales Department



Pneumatic Lug Hi-Pressure

No. 7—Page 2



Heavy Duty Cushion All-Weather

No. 8—Page 3



7.50-15 Ribbed Trailer

No. 10—Page 3



All Traction Tractor

No. 13—Page 3



G-3 All-Weather  
Motorcycle Tires

No. 11—Page 3



Hi-Pressure  
Airplane Casings

No. 17—Page 3



Low-Pressure  
Intermediate  
Airplane Casings

No. 19—Page 3

Extra Low Pressure  
Airplane Airwheels

No. 18—Page 3



Solid Industrial  
All-Weather

No. 9—Page 3

Solid Industrial  
Plain

No. 9—Page 3



Pneumatic  
Industrial

No. 14—Page 3

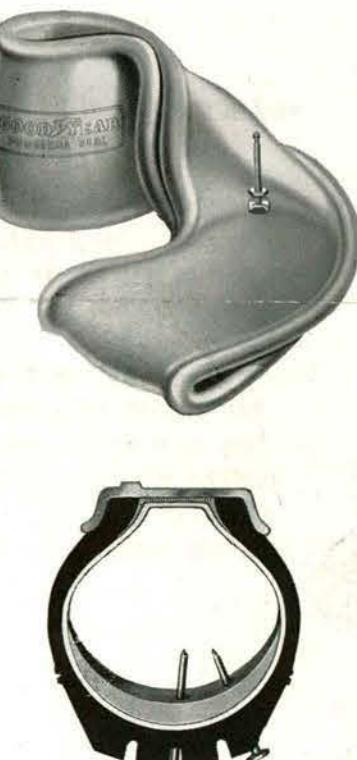
Pneumatic  
Wheelbarrow

No. 15—Page 3



All-Weather Bicycle Tires

No. 12—Page 3



Goodyear Puncture-Seal Tube  
Cross Section View

No. 16—Page 3

**THERE IS A  
GOOD YEAR  
TIRE FOR EVERY  
GOVERNMENT NEED**

BUY YOUR GOODYEAR  
TIRES AND TUBES UNDER CONTRACT  
NUMBER TPS 11670

See other side for descriptions  
and Contract Item Numbers



G-3 All-Weather Airwheel

No. 1—Page 2



G-3 Balloon

No. 1—Page 2



Studded Tire

No. 2—Page 2



Stop-Start Tire

No. 3—Page 2



7.00-15 Heavy Duty  
Commercial Airwheel

No. 4—Page 2



All-Weather High Profile  
Heavy Duty Truck Tire

No. 5—Page 2



All-Weather Heavy Duty Truck

No. 5—Page 2



All-Weather Heavy Duty Dump Truck

No. 6—Page 2



Pneumatic Lug Balloon

No. 7—Page 2

## CONTRACT BULLETIN

### LUBRICATING OILS FOR THE NAVAL SERVICE, AND FOR OTHER DEPARTMENTS AND ESTABLISHMENTS OF THE FEDERAL GOVERNMENT FROM JULY 1, 1936, TO JUNE 30, 1937

ISSUED BY THE BUREAU OF SUPPLIES AND ACCOUNTS, NAVY DEPARTMENT

Copies to—

Department distribution: I; II; III; IV; V; VI; VIII; IX (b); X (c), (9), (15), (17), (22).  
The Chief, Engineer Corps, United States Army.  
The Quartermaster General, United States Army.  
The Ordnance Department, United States Army.  
The Indian Service, Department of the Interior.  
The Reclamation Service, Department of the Interior.  
The Geological Survey, Department of the Interior.  
The National Park Service, Department of the Interior. (Except Glacier National Park, Mont.)  
The Director, Division of Investigation, Department of the Interior.  
The Bureau of Navigation, Department of Commerce.  
The Lighthouse Service, Department of Commerce.  
The United States Coast and Geodetic Survey, Department of Commerce.  
The United States Coast Guard, Treasury Department.  
The United States Customs Service, Treasury Department.  
The United States Public Health Service, Treasury Department.  
The Office of the Secretary, Department of Agriculture.  
The Bureau of Public Roads, Department of Agriculture.  
The Forest Service, Department of Agriculture.  
The Plant Quarantine and Control Administration (State of Massachusetts), Department of Agriculture.  
The Weather Bureau, Washington, D. C., Department of Agriculture.  
The Bureau of Entomology (State of New Jersey), Department of Agriculture.  
The Panama Canal.  
The United States Veterans' Administration.  
The Department of Labor.  
The National Homes for Disabled Volunteer Soldiers.  
The Superintendent of Prisons, Department of Justice.  
The United States National Museum, Smithsonian Institution.  
The Federal Business Bureau, Juneau, Alaska.  
The Interstate Commerce Commission.  
The Post Office Department (Hawaii).

SUBJECT: CONTRACTS FOR LUBRICATING OILS, FISCAL YEAR 1937

1. Following are the contracts and contract conditions furnishing lubricating oils for the naval service, and for other departments and establishments of the Federal Government, during the fiscal year ending June 30, 1937.

#### GENERAL SPECIFICATIONS AND CONDITIONS GOVERNING ALL CONTRACTS

1. Unless otherwise specified by the bidder, it is understood and agreed that only such unmanufactured articles, materials, and supplies as have been mined or produced in the United States, and only such manufactured articles, materials, and supplies as have been manufactured in the United States substantially all from articles, materials, or supplies mined, produced, or manufactured, as the case may be, in the United States shall be delivered pursuant to a contract awarded as a result of this bid.

THE PRICES BID HEREIN DO NOT INCLUDE ANY FEDERAL TAX. ANY FEDERAL SALES TAX, DUTIES, IMPOSTS, REVENUES, EXCISE OR OTHER TAXES WHICH MAY HEREAFTER (THE DATE SET FOR THE OPENING OF THIS BID) BE IMPOSED BY THE CONGRESS AND MADE APPLICABLE TO THE MATERIAL ON THIS BID WILL BE CHARGED TO THE GOVERNMENT AND ENTERED ON INVOICES AS A SEPARATE ITEM

1. Lubricating oil sold to the United States is not subject to any State or municipal taxes. (See decision of the Supreme Court in the case of *The Panhandle Oil Company v. Mississippi*, May 14, 1928.) Invoices shall not include any State or municipal taxes.

**CONTRACT BULLETIN—Continued**

Lubricating oil sold for the exclusive use of the United States, any State, Territory of the United States, or any political subdivision of the foregoing, or the District of Columbia, and/or used or resold for use as fuel supplies, ship's stores, sea stores, or legitimate equipment on vessels of war of the United States or of any foreign nation, vessels employed in the fisheries or in the whaling business, or actually engaged in foreign trade or trade between the Atlantic and Pacific ports of the United States or between the United States and any of its possessions, and/or for export or shipment to a possession of the United States, is exempt from the Federal tax imposed by the Revenue Act of 1932. This exemption does not include lubricating oil sold to the United States for resale to employees or others.

**CLASSIFICATION OF LUBRICATING OILS**

2. Lubricating oils meeting the requirements of the Bureau of Engineering, Navy Department, and other Federal activities purchasing oil under the Navy contract are classified as shown below:

Item	Symbol no.	Viscosity, S. U. V.		Viscosity index (Dean & Davis) (minimum)	Work, factor (minimum)
		At 130° F.	At 210° F.		
1	2075	70- 90	- - - - -	- - - - -	- - - - -
2	2110	90-120	- - - - -	- - - - -	- - - - -
3	2135	120-145	- - - - -	- - - - -	- - - - -
4	2190	185-205	- - - - -	- - - - -	- - - - -
5	2250	245-280	- - - - -	- - - - -	- - - - -
6	3050	- - - - -	45- 55	75	- - - - -
7	3065	- - - - -	60- 70	75	- - - - -
8	3080	- - - - -	75- 90	75	- - - - -
9	3100	- - - - -	90-105	75	- - - - -
10	3120	- - - - -	115-125	75	- - - - -
11	1080	- - - - -	75- 90	95	85
12	1100	- - - - -	90-105	95	85
13	1120	- - - - -	115-125	95	85
14	1150	- - - - -	140-160	95	85
15	4065	- - - - -	65- 75	- - - - -	- - - - -
16	5065	- - - - -	65- 75	- - - - -	- - - - -
17	5150	- - - - -	135-165	- - - - -	- - - - -
18	5190	- - - - -	180-220	- - - - -	- - - - -
19	6135	- - - - -	135-165	- - - - -	- - - - -
20	7105	- - - - -	95-110	- - - - -	- - - - -
21	8190	180-200	- - - - -	- - - - -	- - - - -
22	9045	50- 65	- - - - -	- - - - -	- - - - -

2. Under the above classification full details are shown in the Bureau of Engineering pamphlet N. Eng. 31, entitled, "Lubricating Oil, General Information—Requirements and Methods of Test", 1936 edition, which applies in all respects except that items 11, 12, 13 and 14 the work factor test will be based upon a speed of machine of 2,000 revolutions per minute and the viscosity increase after the test will be based upon 25 percent.

A viscosity index of 65 will be considered for symbols 3080, 3100, and 3120, providing the oil is satisfactory in all other respects.

The right is reserved to reject any bids on brands of oils except under symbol 9045 which have not been subjected to the required tests and found satisfactory. The attention of the manufacturers is called to this requirement, and they are urged to forward samples of the oils which they propose to offer to the Navy in the future in order that tests may be made. The tests will be conducted at the expense of the manufacturers. Information with reference to the expense involved and as to where the samples should be sent will be supplied upon application to the Bureau of Supplies and Accounts. It is understood that the manufacturer shall pay all transportation charges to and from the point where tests are made.

In the case of failure of the sample submitted to prove satisfactory, consideration will be given to the requests of the manufacturers for additional tests only after it has been clearly shown that changes have been made in the product with reference to design, method of manufacture, etc., which the bureau concerned considers sufficient to warrant conducting such additional tests.

**New tests cannot be made before awarding contracts, as tests require from 3 to 6 months.**

**ESTIMATED QUANTITIES**

4. The uncertain and varying needs of the Government make it impossible to determine the quantity or quantities of the oils described herein that may be required during the contemplated period of the contract. Estimated quantities are stated for information only. It is mutually understood and agreed that the Government will order and the contractor will deliver the quantities of the kinds of oils described in the specifications that in the judgment of the proper ordering officer may be required during the contract period, except as may be otherwise indicated in the bid. These oils will be ordered from time to time during the life of the contract in such quantities for delivery in such forms and to such places provided for by the contract as the needs of the

**CONTRACT BULLETIN—Continued**

**United States Navy.**

**Department of Agriculture:**

Bureau of Biological Survey—for the continental United States.

Bureau of Chemistry and Soils, for the following locations:

Naval Stores Station, Lake City, Fla.

Soil Erosion Station, Clarinda, Iowa.

Soil Erosion Station, Guthrie, Okla.

Bureau of Entomology and Plant Quarantine, for the continental United States.

Forest Service, for the continental United States and Alaska, with the following exceptions:

Forest Products Laboratory, Madison, Wis.

Symbol nos. 2135, 2190, 2250, and 2310 only.

**Bureau of Plant Industry:**

Division of Fruit and Vegetable Crops and Diseases:

Medford, Oreg.; Corvallis, Oreg.; Hood River, Oreg.; Amherst, Mass.; Logan, Utah; Meridan, Miss.; Albany, Ga.; Fort Valley, Ga.; Fayetteville, Ark.; Spring Hill, Ala.; Cheyenne, Wyo.; Chula Vista, Calif.; Fresno, Calif.; Indio, Calif.; Charleston, S. C.; Sacaton, Ariz.; Robson, La.; Bellingham, Wash.; Brownwood, Tex.; Springfield, Mo.; Pemberton, N. J.

Division of Sugar Plant Investigations:

Salt Lake City, Utah; Houma, La.

Division of Sugar Plant Investigations and Western Irrigation:

Riverside, Calif.

Plant Exploration and Introduction:

Glenn Dale, Md.

Bureau of Public Roads (for the States of Arizona, California, Nevada, and Washington only).

Weather Bureau: Sandberg, Calif.

**Department of Commerce:**

Bureau of Air Commerce.

Coast and Geodetic Survey.

Bureau of Fisheries.

Bureau of Lighthouses.

Bureau of Navigation and Steamboat Inspection (Navigation Unit).

**Department of Interior:**

Division of Investigation (Oil Enforcement Unit).

Bureau of Reclamation.

Office of Indian Affairs (purchasing office).

Geological Survey.

Consolidated Purchasing and Shipping Unit, Federal Office Building, Seattle, Wash.

National Parks and Monuments under the National Park Service:

Mesa Verde National Park, Mancos, Colo.

Vicksburg National Military Park, Vicksburg, Miss.

Wind Cave National Park, Hot Springs, S. Dak.

Great Smoky Mountains National Park, Gatlinburg, Tenn.

National Capital parks, Washington, D. C.

Lassen Volcanic National Park, Mineral, via Red Bluff, Calif.

Sequoia National Park, Calif.

Chickamauga and Chattanooga National Military Park, Chattanooga, Tenn.

Zion and Bryce Canyon National Parks, Utah.

Fredericksburg and Spotsylvania County Battle-fields, Memorial National Military Park, Fredericksburg, Va.

Hawaii National Park, Hawaii National Park Post Office, Island of Hawaii.

Hawaii National Park, Kahului Post Office, Island of Maui.

**Department of Interior—Continued.**

National Parks and Monuments under the National Park Service—Continued.

Yosemite National Park, Calif.

Grand Canyon National Park, Grand Canyon, Ariz.

Rocky Mountain National Park, Estes Park, Colo.

**Department of Justice:**

Bureau of Prisons.

**Department of Labor:**

Immigration and Naturalization Service.

**The Post Office Department:**

Federal Business Association, Juneau, Alaska, and Associated Activities:

Civil Service Commission.

**Department of Agriculture:**

Biological Survey.

Bureau of Public Roads.

Experiment stations.

Forest Service.

Weather Bureau.

**Department of Commerce:**

Bureau of Fisheries.

Bureau of Mines.

Coast and Geodetic Survey.

Lighthouse Service.

Steamboat Inspection Service.

**Department of Interior:**

Alaska Railroad.

Bureau of Education.

Geological Survey.

Land Office.

National Park Service.

**Department of Justice:**

United States Marshal.

**Department of Labor:**

Immigration Service.

**Postal Department:**

United States Post Offices.

**Treasury Department:**

Coast Guard.

Customs Service.

Public Health.

**United States Army:**

Alaska Road Commission.

Engineer Corps.

Signal Corps.

**Interstate Commerce Commission:**

Bureau of Locomotive Inspection, Los Angeles, Calif.

Panama Canal.

Post Office Department (Hawaii).

Tennessee Valley Authority.

**Treasury Department:**

Coast Guard.

Customs Service.

Public Health Service.

United States Mint, Philadelphia, Pa.

**United States Army:**

Engineer Corps.

Ordnance Department.

Quartermaster Corps.

Signal Corps (Washington-Alaska Military Cable and Telegraph System, Seattle, Wash., and Alaska).

**United States Marine Corps:**

United States National Museum (Smithsonian Institution, District of Columbia).

**Veterans' Administration:**

Executive departments and other establishments of the Government of the United States of America in Washington, D. C., as well as the government of the District of Columbia in Washington, D. C., and nearby District of Columbia institutions in Maryland and Virginia.

and such other activities of the Federal Government as may be directed by the Director of Procurement, Treasury Department, may require, during the period from July 1, 1936, to June 30, 1937.

Bids made with the proviso that the total deliveries will not exceed a certain specified quantity will be considered, but the right is reserved to reject any bid which provides that the Government shall guarantee to take any definite quantity.

## QUALITY

5. The contractor shall guarantee that each delivery of oil, ashore or afloat, shall be suitable for the special requirements of the service for which intended.

## DELIVERIES AND PAYMENTS

6. Deliveries shall be made in any desired quantities of oil (not exceeding 4 percent of the estimated quantity of any one oil under any one order, *except* when the quantity is less than 500 gallons) upon 10 days' notice by the supply officer of any navy yard or station, the district engineer, or the quartermaster supply officer, or proper officer of any department of the Federal Government named herein, or upon 2 days' notice by supply or commanding officers of vessels.

No order shall be placed for less than 10 gallons (two 5-gallon cans), except that deliveries in 1-gallon containers may be ordered in quantities of 1 or more gallons. Bulk deliveries apply only to quantities of not less than 50-55 gallons (1 drum).

## For the Navy

(a) The contractor will submit invoices to the supply officer who placed the order for the lubricating oil, who will prepare public bills in payment.

(b) Public bills prepared by supply officers on shore will be paid by the disbursing division, Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for Atlantic ports, and Navy purchasing office, San Francisco, Calif., for Pacific ports.

(c) Public bills prepared by the supply officer of a ship will be paid by the disbursing officer of the ship.

(d) Where deliveries are made to a ship not carrying a supply officer, public bills will be prepared by the supply officer carrying the accounts of the vessel and paid by the disbursing officer authorized to pay such bills.

(e) Bulk deliveries to Navy tankers.—Public bills will be prepared by the officer in charge, naval supply depot, Hampton Roads, Va., for payment by the disbursing division, Bureau of Supplies and Accounts, Navy Department, Washington, D. C.

## Miscellaneous

Payments for oil delivered for use of the Engineer Corps of the Army will be made direct by the district engineer ordering the same.

Payments for oil delivered for use of the Quartermaster Corps of the Army will be made by the finance officer, United States Army, designated on the purchase order.

Payments for oil delivered for use of the Coast and Geodetic Survey will be made direct by the commanding officer of the vessel to which delivery is made.

Payments for oil delivered for the use of the Coast Guard Service will be made by the disbursing officer of the vessel to which delivery is made.

Payments for oils delivered for use of services other than those named above will be made direct by the officials ordering the same.

## See paragraph 9 for methods of delivery.

NOTE.—Contractors shall submit monthly reports to the Bureau of Engineering, Navy Department, of the quantities of each kind of lubricating oil delivered to the Navy at each point, and to other Federal activities for each district, stating the quantity in gallons delivered in each kind of container, such reports to be forwarded as soon as possible after the end of each month.

## TRADE OR BRAND NAMES

7. Each bidder must accurately state the trade or brand names of the oil he proposes to furnish. The trade name of an oil is regarded by the department as a permanent description, representing characteristics and qualities as tested and supplied throughout.

Oils must be standard with the sample supplied for test to the Bureau of Engineering, and any oil under a trade name which, subsequent to the test, has been changed without notification to the Bureau, or is inconsistent with the test sample, will be eliminated from further consideration.

The following brands of oils shall be furnished under the respective items in the contract specified:

## CONTRACT NOS.-48915—THE TEXAS CO.

Item	Brand	Specific gravity	Item	Brand	Specific gravity
1	Texaco 2075 Oil	.900	10	Texaco 3120 Oil	.890
2	Texaco 2110 Oil	.868	15	Texaco 4065 Compounded	.935
3	Texaco 2135 Oil	.911	16	Texaco 5065	.931
4	Texaco 2190 Oil	.917	15	Texaco 5150	.914
5	Texaco 2250 Oil	.920	16	Texaco 5190	.913
6	Texaco 3050 Oil	.878	17	Texaco 6135 Compounded	.915
7	Texaco 3065 Oil	.882	18	Texaco 7105 Compounded	.916
8	Texaco 3080 Oil	.887	19	Texaco C8190 Compounded	.933
9	Texaco 3100 Oil	.888			

## CONTRACT NOS.-48916—WESTINGHOUSE ELECTRIC &amp; MANUFACTURING CO.

Item	Brand
22	WEMCO "C"

## Contract NOS.-48916:

Westinghouse Electric & Manufacturing Co., location of warehouses:

Atlanta, Ga., 426 Marietta Street NW.  
Boston, Mass., High Street.  
Buffalo, N. Y., 814 Ellicott Square.  
Butte, Mont., 52 E. Broadway.  
Charlotte, N. C., 210 E. Sixth Street.  
Cincinnati, Ohio, 207 W. Third Street.  
Cleveland, Ohio, 1216 W. Fifty-eighth Street.  
Dallas, Tex., 209 Browder Street.  
Denver, Colo., 910 Fifteenth Street.  
Detroit, Mich., 5757 Trumbull Avenue.  
El Paso, Tex., 303 N. Oregon Street.  
Emeryville, Calif., 5815 Peladeau Street.  
Houston, Tex., 608 Fannin Street.  
Huntington, W. Va., 209 Ninth Street.  
Los Angeles, Calif., 420 S. San Pedro Street.  
Minneapolis, Minn., 2303 Kennedy Street, NW.  
Newark, N. J., Haynes Avenue and Lincoln Highway.  
New Orleans, La., 333 St. Charles Street.  
Philadelphia, Pa., 3001 Walnut Street.  
Pittsburgh, Pa., 435 Seventh Avenue.  
Portland, Oreg., 309 SW. Sixth Avenue.  
Salt Lake City, Utah, 10 W. First South Street.  
Seattle, Wash., 603 Stewart Street.  
St. Louis, Mo., 411 N. Seventh Street.  
Utica, N. Y., 113 N. Genesee Street.

Address: Westinghouse Electric & Manufacturing Co. at above points.

## Contract NOS.-48917:

Mare Island, Calif., P. E. Allan, 79 New Montgomery Street, San Francisco, Calif.  
Puget Sound, Wash., H. A. Jackson, 1733 Railroad Avenue, S. Seattle, Wash.

San Diego, Calif., F. S. Shoup, 724 Pacific Electric Building, Los Angeles, Calif.

For placing of orders and information:

Puget Sound, Wash., H. E. Benfield, P. O. Box 682, Bremerton, Wash.  
San Diego, Calif., Star & Crescent Oil Co., 834 W. Grape Street, San Diego, Calif.

## Contract NOS.-48996 and NOS.-49070:

Name and addresses of Standard Oil Co. of California, agents (Alaska):

Hyder Dock Co. (commission agent), c/o Standard Oil Co. of California, Hyder.  
L. M. Hagen, c/o Standard Oil Co. of California, Ketchikan.  
Z. M. Bradford, c/o Standard Oil Co. of California, Wrangell.  
F. Nelson, c/o Standard Oil Co. of California, Petersburg.  
M. S. Jorgensen, c/o Standard Oil Co. of California, Juneau.  
Nakat Packing Corporations (commission agent), c/o Standard Oil Co. of California, Waterfall.  
D. L. MacKinnon, c/o Standard Oil Co. of California, Craig.  
Sitka Wharf & Power Co. (commission agent), c/o Standard Oil Co. of California, Sitka.  
Karl Hansen (commission agent), c/o Standard Oil Co. of California, Port Alexander.  
Pacific & Arctic Railroad & Navigation Co. c/o Standard Oil Co. of California, Skagway.  
O. G. Hillman (commission agent), c/o Standard Oil Co. of California, Hoonah.  
Shepard Point Packing Co. (commission agent), c/o Standard Oil Co. of California, Port Ashton.  
W. C. Erwin, c/o Standard Oil Co. of California, Seward.  
T. H. Dyer, c/o Standard Oil Co. of California, Kodiak.  
J. Groothof, c/o Standard Oil Co. of California, Seldonia.  
A. A. Shonbeck (commission agent), c/o Standard Oil Co. of California, Anchorage.  
O. J. Reinseth, c/o Standard Oil Co. of California, Fairbanks.  
Lomen Com'l Co. (commission agent), c/o Standard Oil Co. of California, Nome.  
Valdez Dock Co. (commission agent), c/o Standard Oil Co. of California, Valdez.

CHARLES CONARD,  
Paymaster General of the Navy.

## CONTRACT BULLETIN—Continued

## SPECIAL CONDITIONS

## I. DISCOUNTS

Contract NOS.-48915—1 percent 10 days.  
 Contract NOS.-48916—No discount.  
 Contract NOS.-48917—No discount.  
 Contract NOS.-48996—No discount.  
 Contract NOS.-49069—1 percent 10 days.  
 Contract NOS.-49071—1 percent 10 days.  
 Contract NOS.-49070—No discount.

Discounts are calculated from date of delivery provided discount shall not apply to amounts paid for taxes and returnable containers.

## II. NAME AND ADDRESSES OF AGENTS

Contract NOS.-48915 and NOS.-49071:

New York, N. Y.	The Texas Co., 135 E. Forty-Second Street, New York, N. Y.
Portsmouth, N. H.	The Texas Co., 20 Providence Street, Boston, Mass.
Boston, Mass.	Do.
Newport, R. I.	Do.
New London, Conn.	Do.
Philadelphia, Pa.	The Texas Co., Franklin Trust Building, Philadelphia, Pa.
Washington, D. C.	The Texas Co., Olney Road and Granby Street, Norfolk, Va.
Norfolk, Va.	Do.
Port Royal, S. C.	The Texas Co., 133 Carnegie Way, Atlanta, Ga.
Charleston, S. C.	Do.
Pensacola, Fla.	Do.
Key West, Fla.	Do.
Great Lakes, Ill.	The Texas Co., 332 S. Michigan Avenue, Chicago, Ill.
Quantico, Va.	The Texas Co., Olney Road and Granby Street, Norfolk, Va.
Mare Island, Calif.	The Texas Co., 929 S. Broadway, Los Angeles, Calif.
Puget Sound, Wash.	The Texas Co., Third and Pike Streets, Seattle, Wash.
San Francisco, Calif.	The Texas Co., 929 S. Broadway, Los Angeles, Calif.
Honolulu, Hawaii.	Do.
San Diego, Calif.	Do.
San Pedro, Calif.	Do.
Seattle, Wash.	The Texas Co., Third and Pike Streets, Seattle, Wash.
Tacoma, Wash.	Do.

## ADDRESSES FOR PLACING ORDERS

Contracts NOS.-48915 and NOS.-49071:

The Texaco Co., 20 Providence Street, Boston, Mass.: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut.
The Texas Co., 135 E. Forty-second Street, New York, N. Y.: New York, New Jersey, Pennsylvania.
The Texas Co., Olney Road and Granby Street, Norfolk, Va.: Delaware, Maryland, West Virginia, Virginia, North Carolina.
The Texas Co., 133 Carnegie Way, Atlanta, Ga.: South Carolina, Alabama, Georgia, Florida.
The Texas Co., 919 St. Charles Street, New Orleans, La.: Mississippi, Arkansas, Louisiana, Tennessee.
The Texas Co., 2310 S. Lamar Street, Dallas, Tex.: Oklahoma, New Mexico.
The Texas Co., 720 San Jacinto Street, Houston, Tex.: Texas.
The Texas Co., 332 S. Michigan Avenue, Chicago, Ill.: Michigan (south and east of Lake Michigan), Illinois, Missouri.
The Indian Refining Co., 5 E. Market Street, Indianapolis, Ind.: Indiana, Ohio, Kentucky.
The Texas Co., 706 Second Avenue, Minneapolis, Minn.: Michigan (north and west of Lake Michigan), Minnesota, Iowa, Wisconsin, South Dakota, North Dakota.
The Texas Co., 910 Sixteenth Street, Denver, Colo.: Colorado, Wyoming, Kansas, Nebraska.
The Texas Co., Main Street and Broadway, Butte, Mont.: Montana, Idaho, Utah.
The Texas Co., 929 S. Broadway, Los Angeles, Calif.: California, Arizona, Nevada.
The Texas Co., Third and Pike Street, Seattle, Wash.: Oregon, Washington.

NOTE.—NOS.-48915—In connection with deliveries to the Naval Station, Pearl Harbor and Honolulu, Hawaii, and/or Hilo, Hawaii, if the Navy elects to accept shipments for these naval stations f. o. b. naval and/or commercial vessels at San Pedro or Norfolk harbors there is to be a reduction in unit prices of \$0.02 and \$0.015 per gallon respectively, but this reduction will only apply to shipments to Hawaii.

## CONTRACT BULLETIN—Continued

## CONTRACT NOS.-48917—ASSOCIATED OIL CO.

Item Brand  
22 Avon Transformer Oil

## CONTRACT NOS.-48996—STANDARD OIL CO. OF CALIFORNIA

Item	Brand	Specific gravity	Item	Brand	Specific gravity
15	Stancal 4065 Compounded	0.938	19	Calol 6135 Compounded	0.897
16	Calol 5065	.942	20	Calol 7105 Compounded	.893
17	Calol 5150	.891	21	Calol 8190 Compounded	.928
18	Calol 5190	.902			

## CONTRACT NOS.-49069—SINCLAIR REFINING CO.

Item	Brand	Specific gravity	Item	Brand	Specific gravity
11	Sinclair 1080	0.885	13	Sinclair 1120	0.889
12	Sinclair 1100	.886	14	Sinclair 1150	.890

## CONTRACT NOS.-49071—THE TEXAS CO.

Item	Brand	Specific gravity	Item	Brand	Specific gravity
11	Texaco 1080	0.886	13	Texaco 1120	0.890
12	Texaco 1100	.887	14	Texaco 1150	.892

## CONTRACT NOS.-49070—STANDARD OIL CO. OF CALIFORNIA

Item	Brand	Specific gravity	Item	Brand	Specific gravity
11	Stancal 1080 (ex Zerolene x3080A) <sup>1</sup>	0.884	13	Stancal 1120 (ex Zerolene xxx3120A) <sup>1</sup>	0.889
12	Stancal 1100 (ex Zerolene xx3100A) <sup>1</sup>	.886	14	Stancal 1150 (ex Zerolene xxxx3150A) <sup>1</sup>	.891

## CONTRACTS AND CONTRACTORS

Contract NOS.-48915—The Texas Co., 135 East Forty-second Street, New York, N. Y.  
 Contract NOS.-48916—Westinghouse Electric & Manufacturing Co., 1434 New York Avenue, Washington, D. C.  
 Contract NOS.-48917—Associated Oil Co., 79 New Montgomery Street, San Francisco, Calif.  
 Contract NOS.-48996—Standard Oil Co. of California, 225 Bush Street, San Francisco, Calif.  
 Contract NOS.-49069—Sinclair Refining Co., 630 Fifth Avenue, New York, N. Y.  
 Contract NOS.-49070—Standard Oil Co. of California, 225 Bush Street, San Francisco, Calif.  
 Contract NOS.-49071—The Texas Co., 135 East Forty-second Street, New York, N. Y.

## CANCELLATION OF CONTRACTS

8. The Secretary of the Navy reserves the right to cancel any contract at his option for any or all ports or other points of delivery and for any or all oils included therein, and at any time during the existence of the contract, upon 30 days' notice to the home office of the contractor.

## METHODS OF DELIVERY

9. (a) Each delivery of oil shall be made either in 1-gallon commercial cans, in 5-gallon cans and cases, in steel barrels or drums, in metal drums (one-time shippers) or in tank cars (as required by the proper officer), conforming to the following specifications:

(b) *Cans and cases.*—If deliveries are required in cans and cases, they shall be commercial 5-gallon cans and cases and packed two cans to a case. The cans shall fit tightly in the case, and if necessary to insure cans against play and chafing in shipping and handling, the contractor shall secure the cans by suitable bracing nailed above the cans and under the top cover of the case.

(c) *Steel barrels or drums.*—If deliveries are required in steel barrels or drums, they shall be in accordance with Interstate Commerce Commission Specification No. 5.

(d) *Metal drums (one-time shippers).*—If deliveries are required in metal drums (one-time shippers), they shall be commercial drums of 50 to 55 gallons' capacity.

(e) *Bids on lubricating oil will NOT include the cost of the container, except under lots 842, 847, and 852.*

(f) *Cost of containers.*—Containers will be invoiced to and paid for by the Government at the prices quoted under items 23 to 25, inclusive, at each delivery point subject to the following:

For the Navy.—The containers, when not immediately returned, will be invoiced at the same time the oil is invoiced.

For other Government departments.—Cans, cases, and metal drums (one-time shippers) will be immediately invoiced. Steel barrels or drums will be subject to loan for a period of 90 days, at the expiration of which time, if not returned, will be invoiced to and paid for by the Federal activity concerned.

(g) *Return of containers.*—In case steel barrels or drums, or metal drums (one-time shippers), in good condition, are returned by the Government at the contractor's expense within 12 months after date of each delivery of the oil to shore stations or ships, it is agreed that the contractor will allow the Government the amount quoted under items 26 and 27 at each delivery point of each lot, for each steel barrel or drum, or metal drum (one-time shippers) returned. Cans and cases will not be returned.

<sup>1</sup> See test serial no. EES 6930.

## CONTRACT BULLETIN—Continued

(h) The cost and return value of containers will be considered in making award, computed in the following manner: 75 percent will be assumed to be taken in steel barrels or drums, 10 percent in metal drums (one-time shippers), and 15 percent in cans and cases.

10. Item 15 of all lots.—All drums and cases containing marine-engine oil (wick and sight feed) shall be plainly stenciled in large type, "FOR WICK AND SIGHT FEED ONLY."

Items nos. 2 to 5 of all lots.—All drums and cases containing forced-lubrication and motor-cylinder oils for general use shall be plainly stenciled in large type, "KEEP OUT SALT WATER."

Each container shall be marked with the symbol number, contractor's name, contract number, and date of delivery.

## DETERMINATION OF QUANTITY

11. The quantity of lubricating oil delivered shall be determined in gallons by the following method:

$$\text{Number of gallons} = \frac{W_1 - W_2}{\text{Specific gravity} \times 8.328} \text{ in which}$$

W<sub>1</sub>= Weight in pounds of oil and container.  
W<sub>2</sub>= Weight in pounds of container.

The specific gravity taken from the records of tests will be shown in the contract bulletin opposite each brand name.

## REJECTIONS—PURCHASE FOR CONTRACTOR'S ACCOUNT

12. In case oils are rejected as not satisfactory, or not suitable in every respect for the special purposes required, the commanding officer of any naval vessel, or the Bureau of Supplies and Accounts, shall have the right, at his or its option, either to require the contractor to replace, free of charge, an equal quantity of oil, or to require him to refund the purchase price of the unsatisfactory delivery. In case the contractor fails to fulfill, in a manner satisfactory to the Government, the conditions of the contract in every respect, the right is further reserved to purchase in the open market for the contractor's account, such of said oils which may still be due to be delivered during the contract period, no further deliveries from him being considered. In all cases where oil is rejected, the ship or other Federal activity will make report to the Bureau of Supplies and Accounts of the circumstances, and state that a sample taken from the lot rejected has also been forwarded for examination. Samples shall be forwarded in clean metal containers and shall be carefully taken to avoid contamination. Should it be shown at any time that the contractor is without authority supplying some other oil than that previously tested, found acceptable, and contracted for, the right is reserved to return to the contractor, without any expense whatever to the Government, all shipments of this particular brand of oil previously received and remaining on hand.

## NAMES AND ADDRESSES OF BRANCHES OR AGENTS—PAYMENTS

13. Each bidder must state on the blank lines provided for the purpose the names and address of the branch or agent in each of the ports at which deliveries are required, who will fill orders for the various kinds of oils, on each lot, and who will have authority to accept official checks, payable as hereinafter provided. Each of said branches shall have authority to receipt "in the name of" and each agent "for" the contractor (as his agent) for such payments as may be made by the supply officers of the several vessels or shore stations. Bills for deliveries shall be rendered by the branch or agent designated at the contract prices, and shall be stated by them in United States currency. All payments to said branches or agents will be made by means of official checks drawn on the Treasurer of the United States, Washington, D. C., and made payable to the order of the contractor or his agent, as the case may be.

**NOTE.**—Naval requirements are such that bidders must provide for deliveries either to navy yards or ships as specified in paragraph 6.

Atlantic ports delivery points:

Navy Yard, Portsmouth, N. H. (Kittery, Maine), or any other point within the corporate limits of Portsmouth, N. H., or Kittery, Maine.

Navy Yard, Boston (Charlestown), Mass., or any other point within the corporate limits of Boston, Mass.

Training Station and Torpedo Station, Newport, R. I., or any other point within the corporate limits of Newport, R. I.

Submarine Base, Submarine Base, Conn., or any other point within the corporate limits of New London, Conn., or Groton, Conn.

Navy Yard and Naval Clothing Depot, Brooklyn, N. Y., and to any wharf specified in New York Harbor in the State of New York or any other point within the corporate limits of New York City.

Navy Yard, Philadelphia, Pa., or to any other point within the corporate limits of Philadelphia, Pa.

Navy Yard, Washington, D. C., or any other point within the District of Columbia.

Navy Yard, Norfolk (Portsmouth), Va., Naval Operating Base, Hampton Roads (Sewalls Point), Va., and to any wharfs specified in the Harbor of Hampton Roads, or any other point within the corporate limits of Portsmouth and Norfolk, Va.

Marine Barracks, Quantico, Va.

Navy Yard, Charleston, S. C., or any other point within the corporate limits of Charleston, S. C.

Marine Barracks, Port Royal, S. C.

Naval Air Station, Pensacola, Fla., or to any other point within the corporate limits of Pensacola, Fla., or Warrington, Fla.

Naval Station, Key West, Fla., or to any other point within the corporate limits of Key West, Fla.

Naval Station, Great Lakes, Ill.

## CONTRACT BULLETIN—Continued

					Contract Nos.-49071—The Texas Co.	Nos.-48906, NOS.-49070— Standard Oil Co. of California	North Dakota, South Dakota, Montana, Wyoming, Utah, Colorado	Washington, ex- cept Bremerton, Seattle, or Tacoma; Oregon; California, except Vallejo, San Diego, San Francisco, Los Angeles, Alameda, Berkeley, or Oakland, Idaho, Nevada, and Arizona	Contract Nos.-49069— Sinclair Refining Co.
Containers.—Cost and return value for all items where not included in contract price: Cost of containers (see par. 9 f):									
23 Two 5-gallon cans with case.....	per set	\$0.75	\$1.00	\$0.55	\$0.75	\$0.55			
24 50-55 gallon metal drums (one-time shippers).....	each	2.60	3.00	2.25	2.60	2.25			
25 50-55-gallon steel barrels or drums.....	do	6.00	5.00	6.00	6.00	6.00			
26 Return value of containers (see par. 9 g):									
26 50-55-gallon metal drums (one-time shippers).....	do	1.60	1.25	1.65	1.60	1.65			
27 50-55-gallon steel barrels or drums.....	do	6.00	5.00	6.00	6.00	6.00			

When drums are ready for return under any of these contracts, the agency from which shipment was made will be advised in order that truck may be sent for the drums if desired or other instructions issued for their return.

Oil, lubricating, electric, symbol 9045, to be delivered in 5-gallon cans with case, the cost of the container to be included in the cost of the oil.

No. of item	For delivery to—	Nos.-48916— Westinghouse Electric & Manufacturing Co.	Nos.-48917— Associated Oil Co.
22	Navy Yard, Portsmouth, N. H. (Kittery, Maine); Boston (Charlestown), Mass.; Naval Training Station and Naval Torpedo Station, Newport, R. I.; Submarine Base, Submarine Base, Conn.; Naval Clothing Depot and Navy Yard, Brooklyn, N. Y.	\$0.45	
22	Navy Yard, Philadelphia, Pa.; Navy Yard, Washington, D. C.; Naval Supply Depot, Hampton Roads, Va.; Navy Yard, Norfolk (Portsmouth), Va.; Marine Barracks, Quantico, Va.; Navy Yard, Charleston, S. C.; Marine Barracks, Port Royal, S. C.	.45	
22	Naval Air Station, Pensacola, Fla.; Naval Station, Key West, Fla.	.45	
22	Naval Training Station, Great Lakes	.45	
22	Navy Yard, Puget Sound, Wash.		\$0.31
22	Navy Yard, Mare Island, Calif.		.31
22	Naval supply depot, San Diego, Calif.		.31
	To any railroad station in the State of—		
22	Maine, New Hampshire, Vermont, Rhode Island, Massachusetts, Connecticut, and New York	.45	
22	New Jersey, Delaware, Pennsylvania, Maryland, Virginia, North Carolina, South Carolina, and West Virginia	.45	
22	Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Tennessee, and Kentucky	.45	
22	Ohio, Michigan (lower), Indiana, and Illinois	.45	
22	Minnesota, Michigan (upper), Wisconsin, Iowa, Missouri, Nebraska, and Kansas	.45	
22	Texas	.45	
22	Oklahoma and New Mexico	.45	
22	North Dakota, South Dakota, Montana, Wyoming, Utah, and Colorado	.45	
22	Idaho, Nevada, and Arizona	.45	
22	Washington, Oregon, and California	.45	
22	Honolulu, Hawaii	.45	
22	Alaska, all points	.45	

## CONTRACT BULLETIN—Continued

No. of item	Symbol	Article	Contract NOS. 48915—The Texas Co.			Contract NOS. 48996—Standard Oil of California			Contract NOS. 49071—The Texas Co.			Contract NOS. 49070—Standard Oil of California		
			North Dakota, South Dakota, Montana, Wyoming, Utah, Colorado	Washington, except Bremerton, Seattle, or Tacoma; Oregon; California, except Vallejo, San Diego, San Francisco, Los Angeles, Alameda, Berkeley, or Oakland	Idaho, Nevada, Arizona	Hyder, Ketchikan, Wrangell, Petersburg, Juneau, Waterfall, Craig, Sitka, Port Alexander, Skagway, Hoonah (*)	Port Ashton, Seward, Kodiak, Seldovia, Fairbanks, Nome, Valdez (*)	North Dakota, South Dakota, Montana, Wyoming, Utah, Colorado	Washington, except Bremerton, Seattle, or Tacoma; Oregon; California, except Vallejo, San Diego, San Francisco, Los Angeles, Alameda, Berkeley, or Oakland	Idaho, Nevada, Arizona	Hyder, Ketchikan, Wrangell, Petersburg, Seward, Kodiak, Seldovia, Juneau, Waterfall, Craig, Sitka, Port Alexander, Skagway, Hoonah (*)	Port Ashton, Seward, Kodiak, Seldovia, Anchorage, Fairbanks, Nome, Valdez (*)	Alaska	Alaska
1	2075	To be delivered, as may be ordered, to any railroad station in the States named, and to any of the points named in the Territory of Alaska during the fiscal year ending June 30, 1937. Oils, lubricating, as follows:												
1	2075	(70-90)	\$0.212	\$0.123	\$0.15									
2	2110	(90-120)	.222	.123	.15									
3	2135	(120-145)	.227	.123	.15									
4	2190	(185-205)	.232	.123	.15									
5	2250	(245-280)	.237	.123	.15									
6	3050	(45-55)	.292	.30	.31									
7	3065	(60-70)	.297	.30	.31									
8	3080	(75-90)	.302	.30	.31									
9	3100	(90-105)	.307	.30	.31									
10	3120	(115-125)	.312	.30	.31									
11	1080	(75-90)						\$0.329	\$0.329	\$0.329	\$0.56	\$0.60		
12	1100	(90-105)						.329	.329	.329	.545	.585		
13	1120	(115-125)						.329	.329	.329	.54	.58		
14	1150	(140-160)						.329	.329	.329	.54	.58		
15	4065	(65-75)	.337	.168	.192	\$0.373	\$0.413							
16	5065	(65-75)	.257	.115	.147	.324	.364							
17	5150	(135-165)	.257	.219	.227	.428	.468							
18	5190	(180-220)	.267	.246	.247	.455	.495							
19	6135	(120-150)	.325	.241	.267	.45	.49							
20	7105	(95-110) (note)	.405	.221	.247	.43	.47							
21	8190	(180-200) (note)	.405	.159	.177	.368	.408							

\* The price of the oils for Alaskan points of delivery shall include the cost of the delivery of the oils into the tanks of Government vessels or in Government-owned containers at the contractor's warehouses.

Price per gallon to be added to the price for delivery of items 1 to 21, inclusive, Contract NOS. 48915, if required in 1-gallon containers \$0.50; contract NOS. 48996, \$0.27.

NOTE.—Oil for items 20 and 21 will be delivered to any railroad station in the respective States at the price quoted regardless of the exceptions stated for each State which apply only to oil for items 15 to 19, inclusive. Prices above do not include cost of containers.

## CONTRACT BULLETIN—Continued

No. of item	Symbol	Articles	Contract NOS. 48915—The Texas Co.	Contract NOS. 49069—Sinclair Refining Co.
1	2075	Oils, lubricating:	\$0.07	
2	2110	(70-90)-----	.08	
3	2135	(90-120)-----	.085	
4	2190	(120-145)-----	.09	
5	2250	(185-205)-----	.095	
6	3050	(245-280)-----	.145	
7	3065	(45-55)-----	.15	
8	3080	(60-70)-----	.155	
9	3100	(75-90)-----	.16	
10	3120	(90-105)-----	.165	
11	1080	(115-125)-----	\$0.20	
12	1100	(140-160)-----	.204	
13	1120	(185-205)-----	.208	
14	1150	(245-280)-----	.212	
15	4065	(45-55)-----	.19	
16	5065	(60-70)-----	.115	
17	5150	(75-90)-----	.12	
18	5190	(90-105)-----	.13	
19	6135	(115-125)-----	.17	

Above prices do not include cost of containers.

NOTE FOR ITEMS 1 TO 10 AND 15 TO 19, CONTRACT NOS. 48915 only.—Price per gallon to be applied to the price for delivery of items 1 to 19, inclusive, is required alongside of vessels in the harbors of—

New York (50,000 gallons)-----\$0.02} With a minimum charge of \$15 for each delivery.  
Hampton Roads (50,000 gallons)-----.02}

Deduction per gallon, if deliveries are made in tank cars:

Deduction per gallon, \$0.005 (30,000 gallons).

Price per gallon to be added to the price for delivery of items 1 to 19, if required in 1-gallon containers, \$0.50.

Pacific ports delivery points:

To any wharf or other point within corporate limits of Alameda, Berkeley, Oakland, and San Francisco, Calif.

Navy Yard, Mare Island, Calif., or any other point within the corporate limits of Vallejo, Calif.

To the Naval Air Station, Naval Supply Depot, or to any wharf in the Harbor of San Diego, Calif., or any other point within the corporate limits of San Diego, Calif.

To any wharf in the harbor of San Pedro, Calif., or any other point within the corporate limits of Los Angeles, Calif., Navy Yard, Puget Sound (Bremerton) Wash., or any other point within the corporate limits of Bremerton, Wash.

To any wharf in the harbor of Seattle, Wash., or to any other point within the corporate limits of Seattle, Wash. To any wharf in the harbor of Tacoma, Wash., or to any other point within the corporate limits of Tacoma, Wash. Naval Station, Pearl Harbor and Honolulu, Hawaii.

## CONTRACT BULLETIN—Continued

No. of item	Symbol	Articles	Contract NOS.-48915—The Texas Co.	Contract NOS.-49070—Standard Oil of California
1	2075	Oils, lubricating: (70-90)-----	\$0.109	
2	2110	(90-120)-----	.109	
3	2135	(120-145)-----	.109	
4	2191	(185-205)-----	.109	
5	2250	(245-280)-----	.109	
6	3050	(45-55)-----	.205	
7	3065	(60-70)-----	.215	
8	3080	(75-90)-----	.225	
9	3100	(90-105)-----	.235	
10	3120	(115-125)-----	.245	
11	1080	(75-90)-----		\$0.326
12	1100	(90-105)-----		.311
13	1120	(115-125)-----		.306
14	1150	(140-160)-----		.306
15	4065	(65-75)-----	.15	
16	5065	(65-75)-----	.101	
17	5150	(135-165)-----	.205	
18	5190	(180-220)-----	.232	
19	6135	(120-150)-----	.227	

Above prices do not include cost of containers.

In case any of the oils specified above are required at Hilo, Hawaii, it is agreed that the oils will be delivered at an additional price; contract NOS.-48915, items 1 to 10 and 15 to 19 \$0.036 and for contract NOS.-49070, items 11 to 14 inclusive \$0.035 per gallon over those specified above.

Price per gallon to be added to the price if delivery of items 1 to 19, inclusive, are required alongside of vessels:

San Diego, Calif. (100,000 gallons)----- \$0.017

San Francisco, Calif. (50,000 gallons)----- .03

San Pedro, Calif. (150,000 gallons)----- .03

Seattle, Wash. (25,000 gallons)----- .04

Tacoma, Wash. (20,000 gallons)----- .03

Deduction per gallon, if deliveries are made in tank cars: -----

Deduction per gallon \$0.0025 (50,000 gallons).

{With a minimum charge of \$15 for each delivery.

Contract Nos.-48915—The Texas Co.									
No. of item	Symbol	Article	Maine, except Kittery; New Hampshire, except Portsmouth; Vermont; Massachusetts, except Boston; Connecticut, except New London or Groton; Rhode Island, except Newport; New York, except New York City	New Jersey; Delaware; Pennsylvania, except Philadelphia; Maryland; Virginia, except Norfolk, Hampton Roads, or Quantico; North Carolina; South Carolina, except Charleston or Port Royal; West Virginia	Georgia; Florida, except Pensacola, Warrington, or Key West; Alabama; Mississippi; Louisiana; Arkansas; Tennessee; Kentucky	Ohio; Michigan, south and east of Lake Michigan; Indiana; Illinois; Missouri; Lakes	Minnesota; Michigan, north and west of Lake Michigan; Wisconsin; Iowa; Missouri; Nebraska; Kansas	Texas	
1	2075	(70-90)-----	\$0.097	\$0.10	\$0.11	\$0.122	\$0.12	\$0.11	\$0.115
2	2110	(90-120)-----	.107	.11	.12	.132	.13	.12	.125
3	2135	(120-145)-----	.112	.115	.125	.137	.135	.125	.13
4	2190	(185-205)-----	.117	.12	.13	.142	.14	.13	.135
5	2250	(245-280)-----	.122	.125	.135	.147	.145	.135	.14
6	3050	(45-55)-----	.177	.18	.19	.187	.183	.193	.193
7	3065	(60-70)-----	.182	.185	.195	.192	.188	.198	.198
8	3080	(75-90)-----	.187	.19	.20	.197	.193	.203	.203
9	3100	(90-105)-----	.192	.195	.205	.202	.198	.208	.208
10	3120	(115-125)-----	.197	.20	.21	.207	.203	.213	.213
15	4065	(65-75)-----	.202	.205	.215	.237	.235	.225	.24
16	5065	(65-75)-----	.142	.145	.155	.177	.175	.165	.16
17	5150	(135-165)-----	.142	.145	.155	.177	.175	.165	.16
18	5190	(180-220)-----	.152	.155	.165	.187	.185	.175	.17
19	6135	(120-150)-----	.205	.208	.218	.24	.238	.228	.228
20	7105	(95-110) (note)-----	.29	.293	.303	.325	.323	.313	.308
21	8190	(180-200) (note)-----	.29	.293	.303	.325	.323	.313	.308

NOTE.—Oil for items 20 and 21 will be delivered to any railroad station in the respective States at the price quoted regardless of the exceptions stated for each State which apply only to oil for items 15 to 19, inclusive.

Contract NOS.-49069—Sinclair Refining Co.									
No. of item	Symbol	Article	Maine, except Kittery; New Hampshire, except Portsmouth; Vermont; Massachusetts, except Boston; Connecticut, except New London or Groton; Rhode Island, except Newport; New York, except New York City	New Jersey; Delaware; Pennsylvania, except Philadelphia; Maryland; Virginia, except Norfolk, Hampton Roads, or Quantico; North Carolina; South Carolina, except Charleston or Port Royal; West Virginia	Georgia; Florida, except Pensacola, Warrington, or Key West; Alabama; Mississippi; Louisiana; Arkansas; Tennessee; Kentucky	Ohio; Michigan, south and east of Lake Michigan; Indiana; Illinois; Missouri; Lakes	Minnesota; Michigan, north and west of Lake Michigan; Wisconsin; Iowa; Missouri; Nebraska; Kansas	Texas	Oklahoma, New Mexico
11	1080	(75-90)-----	\$0.225	\$0.225	\$0.235	\$0.25	\$0.24	\$0.235	\$0.245
12	1100	(90-105)-----	.229	.229	.239	.254	.244	.239	.249
13	1120	(115-125)-----	.233	.233	.243	.258	.248	.243	.253
14	1150	(140-160)-----	.237	.237	.247	.262	.252	.247	.257

Prices above not to include cost of containers.

# D-A LUBRICANT COMPANY, INC.

SEMI-FLUID LUBRICANTS · PENNSYLVANIA MOTOR OILS



INDIANAPOLIS, INDIANA

May 6, 1936

Bureau of Biological Survey  
Camp Sod House BF-2  
Burns, Oregon

Gentlemen: Attention: Geo. W. Beers

We thank you for your order dated April 28th and our Boise warehouse shipped same on Government bill of lading No. A-656785.

In accordance with the last paragraph of your order we are enclosing a copy of extract from the General Schedule of Supplies, which gives you all of the details in connection with our contract.

We are also enclosing a D-A cardboard Recommendation Chart which gives you the grades of D-A Lubricant and their specifications, which may be purchased under the contract.

If you need additional recommendation charts please advise and we will gladly furnish them.

Yours very truly,

D-A LUBRICANT COMPANY, INC.

By

*H. J. Wright*  
H. S. Wright  
Sales Department

H.SW:EW  
encl.

## Equipment & supplies

3 Bbls. of 000 DA Lubricant have been opened in the oil house.

1 Bbls. of 00 DA Lubricant opened in oil house.

1 Bbl. of 0 DA Lubricant opened in oil house.

2 Bbls. Of 00 DA Lubricant unopened by oil house.

2 Bbls. 1 DA unopened on platform.

2 Bbls. of No. 50 3100 oil on platform by oil house.

2 Bbls. of No. 20 21-35 oil unopened on platform.

1 Bbl. of 0 DA Lubricant partly used in tool house.

s/ L. Mace

TPS. No. 11401

14-0-2473	$\frac{1}{2}$ -s:	(a) Depts. Wash. D. C.	.087
		(b) FOB Whse.	.087
		(c) FOB Dest.	.092
14-0-2474	$\frac{1}{2}$ -s:	(a) Same	.
		(b) "	
		(c) "	
14-0-2475	Drs.	(a) Same	
		(b) "	
		(c) "	

Shipping points for subitem b.

Aberdeen, S. D.	Grand Rapids, Mich.	Phoenix, Ariz.
Albany, N. Y.	Great Falls, Mont.	Pittsburgh, Pa.
Albuquerque, N. M.	Greensboro, N. C.	Portland, Ore.
Alexandria, La.	Harlingen, Texas	Raleigh, N. C.
Amarillo, Texas	Houston, Texas	Rapid City, S. D.
Atlanta, Ga.	Indianapolis, Ind.	Reno, Nev.
Billings, Mont.	Jackson, Miss.	Roanoke, Va.
Birmingham, Ala.	Jacksonville, Fla.	Rochester, N. Y.
<u>Boise, Idaho</u>	Kansas City, Mo.	Sacramento, Cal.
Boston, Mass.	Knoxville, Tenn.	Salt Lake City, Utah
Butte, Mont.	LaGrande, Ore.	San Antonio, Texas
Cheyenne, Wyo.	Lincoln, Nebr.	San Francisco, Calif.
Chicago, Ill.	Little Rock, Ark.	Seattle, Wash.
Clarksburg, W. Va.	Los Angeles, Calif.	Sidney, Nebr.
Cleveland, Ohio	Memphis, Tenn.	Sioux Falls, S. D.
Columbia, S. C.	Milwaukee, Wis.	Spokane, Wash.
Columbus, Ohio	Minneapolis, Minn.	St. Louis, Mo.
Dallas, Texas	Missoula, Mont.	Utica, N. Y.
Denver, Colo.	Montgomery, Ala.	Wash. D. C.
Des Moines, Ia.	Nashville, Tenn.	Wichita, Kans.
Fargo, N. D.	Peoria, Ill.	Yakima, Wash.
Grand Forks, N. D.	Philadelphia, Pa.	

GRADES OF  
D-A LUBRICANT RE-  
COMMENDED FOR  
TRACTORS and TRUCKS

TRACTORS

**TRANSMISSIONS AND FINAL DRIVES**

	Extreme Heat	Mild Summer	Winter	Zero Winter
Caterpillar--Diesel and Gas Models.....	0.....	0 .....	0 .....	00
Allis-Chalmers--Oil and Gas Models.....	0.....	0 .....	0 .....	00
Cletrac--Diesel and Gas Models.....	00.....	000 .....	000 .....	SAE 30
McCormick--Deering--Diesel and Gas Models.....	0.....	0 .....	00 .....	00

**BEVEL GEAR COMPARTMENT**

Caterpillar Model 60.....	00.....	00 .....	00 .....	000
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**TRACK ROLLERS (Plain Bearings)**

Caterpillar Diesel--All Models.....	2.....	1 .....	0 .....	00
Caterpillar Gas--Models 70, 50, 35, 25, 20, 15 and 10.2.....	1.....	0 .....	0 .....	00
Allis-Chalmers (All Models)--Upper Rollers.....	2.....	1 .....	0 .....	00
Cletrac--All Models.....	00.....	000 .....	000 .....	SAE 20W
McCormick-Deering--All Models.....	1.....	0 .....	0 .....	00

**TRACK ROLLERS (Roller Bearings)**

Caterpillar Gas--Models 65, 60, 55, 30, 25, and 20.	3.....	3 .....	1 .....	0
Allis-Chalmers (All Models)--Lower Rollers.....	3.....	3 .....	1 .....	0

**PRESSURE FITTINGS**

All Types.....	3.....	2 .....	1 .....	0
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**TRUCKS & PASSENGER CARS**

	Extreme Heat	Mild Summer	Winter	Zero Winter
<b>HEAVY DUTY TRUCKS</b>				
Transmissions.....	1.....	0 .....	0 .....	00
Differentials--Gear Type.....	1.....	0 .....	0 .....	00
Differentials--Worm Type.....	1.....	0 .....	0 .....	00
Pressure Fittings--All Types.....	3.....	2 .....	1 .....	0

**LIGHT TRUCKS AND PASSENGER CARS**

Transmissions.....	1.....	0 .....	0 .....	00
Differentials.....	1.....	0 .....	0 .....	00
Pressure Fittings--All Types.....	3.....	2 .....	1 .....	0

**SIX GRADES OF D-A LUBRICANT**

No. 000--Special Light.....	SAE 90
No. 00--Winter Extra Light....	SAE 110
No. 0--Extra Light.....	SAE 160
No. 1--Light.....	SAE 250
No. 2--Heavy.....(Semi-fluid)	
No. 3--Extra Heavy.....(Semi-fluid)	

**PACKAGES**

Full Drums.....	Approx. 450 lbs. net
Half Drums.....	Approx. 250 lbs. net
Quarter Drums.....	125 lbs. net

**GRADES OF  
D-A LUBRICANT RE-  
COMMENDED FOR  
TRACTORS and TRUCKS**

**TRACTORS**

**TRANSMISSIONS AND FINAL DRIVES**

	Extreme Heat	Summer	Mild Winter	Zero Winter
Caterpillar--Diesel and Gas Models.....	0.....	0 .....	0 .....	00
Allis-Chalmers--Oil and Gas Models.....	0.....	0 .....	0 .....	00
Cletrac--Diesel and Gas Models.....	00.....	000 .....	000 .....	SAE 30
McCormick--Deering--Diesel and Gas Models.....	0.....	0 .....	00 .....	00

**BEVEL GEAR COMPARTMENT**

Caterpillar Model 60.....	00.....	00 .....	00 .....	000
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**TRACK ROLLERS (Plain Bearings)**

Caterpillar Diesel--All Models.....	2.....	1 .....	0 .....	00
Caterpillar Gas--Models 70, 50, 35, 25, 20, 15 and 10.2.....	1.....	0 .....	0 .....	00
Allis-Chalmers (All Models)--Upper Rollers.....	2.....	1 .....	0 .....	00
Cletrac--All Models.....	00.....	000 .....	000 .....	SAE 20W
McCormick-Deering--All Models.....	1.....	0 .....	0 .....	00

**TRACK ROLLERS (Roller Bearings)**

Caterpillar Gas--Models 65, 60, 55, 30, 25, and 20.	3.....	3 .....	1 .....	0
Allis-Chalmers (All Models)--Lower Rollers.....	3.....	3 .....	1 .....	0

**PRESSURE FITTINGS**

All Types.....	3.....	2 .....	1 .....	0
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**TRUCKS & PASSENGER CARS**

	Extreme Heat	Summer	Mild Winter	Zero Winter
<b>HEAVY DUTY TRUCKS</b>				
Transmissions.....	1.....	0 .....	0 .....	00
Differentials--Gear Type.....	1.....	0 .....	0 .....	00
Differentials--Borg Type.....	1.....	0 .....	0 .....	00
Pressure Fittings--All Types.....	3.....	2 .....	1 .....	0
<b>LIGHT TRUCKS AND PASSENGER CARS</b>				
Transmissions.....	1.....	0 .....	0 .....	00
Differentials.....	1.....	0 .....	0 .....	00
Pressure Fittings--All Types.....	3.....	2 .....	1 .....	0

**SIX GRADES OF D-A LUBRICANT**

No. 000--Special Light.....	SAE 90
No. 00--Winter Extra Light....	SAE 110
No. 0--Extra Light.....	SAE 160
No. 1--Light.....	SAE 250
No. 2--Heavy.....(Semi-fluid)	
No. 3--Extra Heavy.....(Semi-fluid)	

**PACKAGES**

Full Drums.....	Approx. 450 lbs. net
Half Drums.....	Approx. 450 lbs. net
Quarter Drums.....	125 lbs. net

**GRADES OF  
D-A LUBRICANT RE-  
COMMENDED FOR  
TRACTORS AND TRUCKS**

**TRACTORS**

**TRANSMISSIONS AND FINAL DRIVES**

	Extreme Heat	Summer	Mild Winter	Zero Winter
Caterpillar--Diesel and Gas Models.....	0.....	0 .....	0 .....	00
Allis-Chalmers--Oil and Gas Models.....	0.....	0 .....	0 .....	00
Cletrac--Diesel and Gas Models.....	00.....	000.....	000.....	SAE 30
McCormick--Deering--Diesel and Gas Models.....	0.....	0 .....	00 .....	00

**BEVEL GEAR COMPARTMENT**

Caterpillar Model 60.....	00.....	00 .....	00 .....	000
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**TRACK ROLLERS (Plain Bearings)**

Caterpillar Diesel--All Models.....	2.....	1 .....	0 .....	00
Caterpillar Gas--Models 70, 50, 35, 25, 20, 15 and 10.8.....	1.....	0 .....	0 .....	00
Allis-Chalmers (All Models)--Upper Rollers.....	2.....	1 .....	0 .....	00
Cletrac--All Models.....	00.....	000.....	000.....	SAE 30W
McCormick-Deering--All Models.....	1.....	0 .....	0 .....	00

**TRACK ROLLERS (Roller Bearings)**

Caterpillar Gas--Models 65, 50, 35, 30, 25, and 20.	3.....	3 .....	1 .....	0
Allis-Chalmers (All Models)--Lower Rollers.....	3.....	3 .....	1 .....	0

**PRESSURE FITTINGS**

All Types.....	3.....	2 .....	1 .....	0
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**TRUCKS & PASSENGER CARS**

	Extreme Heat	Summer	Mild Winter	Zero Winter
HEAVY DUTY TRUCKS				
Transmissions.....	1.....	0 .....	0 .....	00
Differentials--Gear Type.....	1.....	0 .....	0 .....	00
Differentials--Worm Type.....	1.....	0 .....	0 .....	00
Pressure Fittings--All Types.....	3.....	2 .....	1 .....	0

**LIGHT TRUCKS AND PASSENGER CARS**

Transmissions.....	1.....	0 .....	0 .....	00
Differentials.....	1.....	0 .....	0 .....	00
Pressure Fittings--All Types.....	3.....	2 .....	1 .....	0

**SIX GRADES OF D-A LUBRICANT**

No. 000--Special Light.....	SAE 90
No. 00--Winter Extra Light....	SAE 110
No. 0--Extra Light.....	SAE 160
No. 1--Light.....	SAE 250
No. 2--Heavy.....(Semi-fluid)	
No. 3--Extra Heavy.....(Semi-fluid)	

**PACKAGES**

Full Drums.....	Approx. 450 lbs. net
Half Drums.....	Approx. <del>450</del> <sup>250</sup> lbs. net
Quarter Drums.....	125 lbs. net