

## Lubricant Specialists

Robco's Lubricants Division supplies high performance oils and greases to meet extreme operating conditions found in exploration drilling, paper mills, steel mills, mining and general industry to maximize production efficiency. Robco specialists take pride in the performance of our lubricants and grease products and continuously monitor technological advancements to improve our formulations.

Since 1911, Robco products are used everywhere in heavy industry as components of original equipment and in aftermarket maintenance and repair.

ISO 9001 and ISO 14001 Certified, our commitment to focusing on engineered solutions has fostered an alignment between our customers' satisfaction and our success while caring for the environment.



## Total Cost of Ownership

Our T.C.O. approach to problem-solving often results in our customers saving more than the acquisition cost of the products supplied.



Robco also supplies many brands of specialized quality lubricants for all your applications.



- Mineral
- Synthetic
- Silicone
- Graphite
- Sealants
- Bonders
- Anti-Seize
- Flush
- Barrier Fluid



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Heat Resistant Materials - Engineered Plastics - Rubber Products - Metallic Gaskets  
Soft Gaskets - Mechanical Seals - Compression Packing - Lubricants & Greases

LUBRICANTS  
AND GREASES





## Robco industrial lubricants and greases

We believe the best way we can support our customers is by providing high quality lubricants and greases formulated to reduce equipment wear and last longer, requiring less maintenance and cutting labour and material costs.

### We've Got You Covered

We offer a wide range of specialty lubricants and greases to cover most applications, including yours! From compressors, turbines, chains, conveyors, gears, tools, drills, paper machines, mining equipment, and manufacturing and processing equipment.



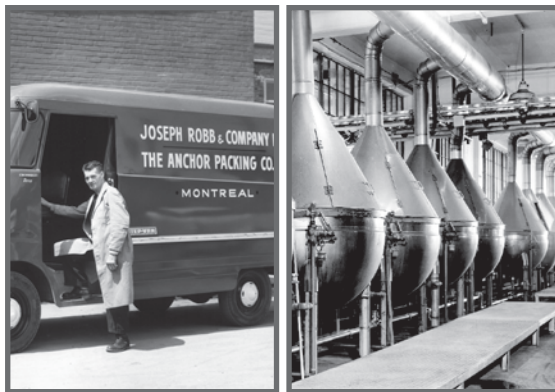
### We Know our Greases

We're experts! For large volume productions, we have the know-how and experience to modify and adapt our existing formulas to better meet your special needs. We can reverse-engineer and refine an existing product specifically for your application to provide better results under extreme conditions.



### Implicit Industry Knowledge

Time flies! 100 years in business means a great deal of experience under our belt through implicit industry knowledge. The culture of supporting our customers with products that provide value remains intact. You are in good hands with us!



### Expert Customer Service

Our on-site Technicians, Tribologist, and Customer Service Departments are available to guide you and answer all your questions in the selection of the ideal product for your application.



### Lubricants for the Mining Industry

We've been providing the mining industry throughout our history with lubricants and greases to perform in a wide range of temperatures and environmental conditions. Our diamond drill rod grease outperforms other greases on many levels and our concern for environmentally safe solutions has led us to develop a biodegradable diamond drill rod grease: Bio-DDR.



### FDA Compliant Products for the Food Industry

We offer lubricants for many applications in food processing plants. Meeting stringent requirements and effective under severe operating conditions, our food-grade lubricants are highly resistant to wash-off, reducing reapplication time and cost.



### A Trusted Distributor

Robco is a trusted distributor of renowned brands such as Asbury/Dixon, Royal Purple and Saf-T-Eze along with specific products from other various brands in order to offer our customers a complete single-source product basket of quality lubricants.



### We Know the Industry

Robco is one of the very few companies in the world to specialize in fluid sealing components, heat resistant materials AND lubricants and greases, bringing unequalled expertise in wear management. Our engineers will identify the optimal product for your application.





Lubricants and Greases

Bel-Ray No-Tox Seamer Lubricant

Food Grade

No-Tox Food Grade Can Seamer Lubricant, commonly known as No-Tox CSL, is a high performance food machinery grease developed for use on high speed can seamers found in the “clean” industries such as food, beverage, pharmaceutical and personal care products.



Bel-Ray No-Tox Seamer Oil

Food Grade

No-Tox Food Grade Seamer Oil, commonly known as No-Tox Seamer Oil E, is a high performance lubricant with exceptional anti-wear and emulsibility and is NSF H1 registered for use where incidental food contact may occur.



Bel-Ray No-Tox Food Grade White Grease

Food Grade Grease

White mineral oil based, aluminum complex grease and is NSF H1 registered for use where incidental food contact may occur.



Bel-Ray No-Tox Food Grade Clear Grease

Food Grade Grease

White mineral oil based, aluminum complex grease and is NSF H1 registered for use where incidental food contact may occur in applications where they need a clear grease.



Bel-Ray No-Tox Food Grade Lubricant

NLGI Grade	Viscosity 40°C	Viscosity 100°C
0 to 00	155	15.8
Colour	Penetration ASTM D-217	Drop Point ASTM D-2265
White	390	400°F / 204°C

NSF H1 registered for use where incidental food contact may occur.



Bel-Ray No-Tox Food Grade Oil

ISO Grade	Viscosity 40°C	Viscosity 100°C
100- 220	98.1 - 220	11.4 - 19.8
Colour	Penetration ASTM D-21	Pour Point ASTM D-97
Water White	45 - 65	-15°F / 9 °C

Recommended for can seaming equipment and similar applications found in “clean” beverage and food processing plants.



Bel-Ray No-Tox Food Grade White Grease

NLGI Grade	Viscosity 40°C	Thickener Type
1-2	208	Aluminum Complex
Colour	Penetration ASTM D-217	Drop Point ASTM D-566
White	280-325	500°F / 260°C

Satisfies a wide range of grease requirements and is recommended for bearings and general purpose use in food grade applications.



Bel-Ray No-Tox Food Grade Clear Grease

NLGI Grade	Viscosity 40°C	Thickener Type
1.5	104	Aluminum Complex
Colour	Penetration ASTM D-217	Drop Point ASTM D-566
Clear	300	577°F / 303°C

Satisfies a wide range of grease requirements and is recommended for bearings and general purpose use in food grade applications.



Tube - 14 oz / 400 g	6, 50, 250 ml	Can - 5 lbs, 1 gal / 2.3 kg, 4 L,
Aerosol		Pail - 38 lbs, 5 gal / 17 kg, 19 L
Bottle - 1 quart / 1 L	50 ml	Keg - 25 lbs, 50 lbs, 100 lbs, 122 lbs / 11 kg, 23 kg, 45 kg, 55 kg
Jar (w/wo brush)		Drum - 200 lbs, 400 lbs / 90 kg, 180 kg
Can - 1 lb, 34 oz / 450 g, 1 L		Tote - 3858 lbs / 1750 kg
Plastic jar - 1 lb, 5 lb / 450 g, 2.3 kg		Box - 50 lbs / 23 kg
Container - 5 gal / 19 L		

Lubricants and Greases

Robco BG-7060

Brick Grease

Robco BG-7060 sodium based grease can be used to replace conventional brick grease. Effective where medium to high temperature is a factor in babbit bearing applications.



Robco BG-8118

Brick Grease

Robco BG-8118 lithium brick grease can be used to replace conventional brick grease. Effective where medium to high temperature is a factor in babbit bearing applications.



Robco Bio-DDR

Biodegradable Diamond Drill Rod Grease

Bio-DDR is a non-toxic, biodegradable lubricant for diamond drill rods, specially formulated to offer optimal performance with minimal environmental impact at a reasonable cost.



Robco DDR-1063

High Performance Diamond Drill Rod Grease with Low Washout

DDR-1063 is a new generation diamond drill rod grease with a modified complex of overbased sulfonates offering exceptional mechanical stability. Will not liquefy or soften up to 500°F, water resistant, does not rub off the rod while drilling. Easy to spread on drilling rods in any environment.



Robco EP/MP-1004

The #1 EP/MP grease in the industry for water washout protection

Where water washout under extreme shock loads or high temperature is causing you trouble, EP/MP-1004 is THE solution: stays in place to provide a tough lubricating film that keeps equipment running smoothly in extreme conditions.



Robco BG-7060

NLGI Grade	Viscosity 40°C	Viscosity 100°C
8+	450 - 550	55 - 65
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Charcoal	18 - 22	360°F / 182°C

Applications: paper mill dryers, ball mills in mining crusher applications, babbit bearings and trunnion bearings.



Robco BG-8118

NLGI Grade	Viscosity 40°C	Viscosity 100°C
6	450 - 550	55 - 65
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Brown	45 - 65	385°F / 196°C

Applications: paper mill dryers, ball mills in mining crusher applications, babbit bearings and trunnion bearings.



Robco Bio-DDR

NLGI Grade	Viscosity 40°C	Viscosity 100°C
3	42.7	9.1
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Green	220-250	325°F / 163°C

Applications: diamond drill rods, pneumatic and percussion tools.



Robco DDR-1063

NLGI Grade	Viscosity 40°C	Viscosity 100°C
3	232	20
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Tan	240	482°F / 250°C

Applications: diamond drill rods and wet conditions.



Robco EP/MP-1004

NLGI Grade	Viscosity 40°C	Viscosity 100°C
0 - 2	220	17.8
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Green	280 - 370	605°F / 318°C

Applications: steel mills, mobile equipment in construction and mining, paper mill wet end, bearings, crushers, loader bucket pins, and more.



Lubricants and Greases

Robco FDA WRL-400 Semi-Synlub  
FDA Wire Rope Lubricant

A premium food-processing machinery lubricant (NSF H-1). A fully formulated product with extra tackiness additives and waterproof oils that resist heavy water washdown.



Robco FRD-2200  
Friction Rope Dressing

Robco FRD-2200 lubricant provides extreme water resistance and good corrosion protection plus its dry film provides a chemical barrier against acidic and alkaline environments.



Robco Sock Grease  
HT Sock Grease

Robco HT sock grease is a high quality lithium-OH stearate grease. Specially formulated to work in high temperature applications where conventional brick grease is used.



Robco RCG-1255  
Rail Curve Grease

Robco RCG-1255 is a revolutionary blend of oil, graphite and special additives. Excellent dispersion properties and easy spreadability when used as track side rail curve grease. Will pump and spread at minus 45°F and will not liquefy at high temperatures.



Robco SBL-1000  
High Temperature Graphite Lubricant

Robco SBL-1000 high temperature lubricant contains high viscosity oil, graphite, molybdenum disulfide and a high flash carrier to transfer solid ingredients into very close tolerances. SBL-1000 will not burn or smoke and has excellent shelf life due to an extremely fine-particle solid suspension.



Robco FDA WRL-400 Semi-Synlub		
NLGI Grade	Viscosity 40°C	Viscosity 100°C
-	370	25
Colour	Penetration ASTM D-21	Flash Point ASTM D-93
Clear	-	396°F / 202°C

Effective wherever a drip-less adhesive fluid/lubricant is needed. The NSF has authorized this product as a H-1 lubricant, covering incidental contact with food.



Robco FRD-2200		
NLGI Grade	Viscosity 40°C	Viscosity 100°C
S75	81	-
Colour	Penetration ASTM D-21	Flash Point ASTM D-93
Amber	-	284°F / 140°C

Applications: locked coil ropes used on friction winders (Koepe hoists).



Robco Sock Grease		
NLGI Grade	Viscosity 40°C	Viscosity 100°C
4.5	220 - 230	17 - 19
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Light Brown	160 - 190	400°F / 205°C

Applications: paper mill dryers, ball mills in mining applications and trunnion bearings.



Robco RCG-1255		
NLGI Grade	Viscosity 40°C	Viscosity 100°C
1	86	10.3
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Grey	310 - 340	572°F / 300°C

Applications: track side lubrication.



Robco SBL-1000		
NLGI Grade	Viscosity 40°C	Viscosity 100°C
-	-	220 - 330
Colour	Flash Point ASTM D-93	Drop Point ASTM D-2265
Dark	650°F / 344°C	720°F / 382°C

Applications: roller chains, kiln car wheels, slides and castings in contact with side bars under high temperature conditions.



Lubricants and Greases

Saf-T-Eze T-Gel Lube  
High Pressure Lubricant

T-Gel Lube is a transparent, high pressure lubricant with high adhesive strength. A unique combination of natural and synthetic lubrication agents coupled with a high molecular weight polymer (PTFE) make this product one of the best available.



Saf-T-Eze Red Hi-Temp 732 RTV  
Silicone Sealant

RTV Silicone Sealants offer high performance products designed for a broad variety of sealing and bonding requirements in original equipment manufacturing or for maintenance needs.



Saf-T-Lok Instant Bonders

IB Series

SAF-T-LOK® Instant Bonder Cyanoacrylate Adhesives provide exceptional tensile shear strength within seconds at room temperature. Materials such as metal, plastic, rubber and glass may be bonded with these single part adhesives.



Saf-T-Eze T-Gel Lube		
V.O.C.	Min. Temperature	Viscosity 100°C
0.63	-30°F / -34°C	-
Colour	Max. Temperature	Propellant
Clear	550°F / 288°C	Hydrocarbon

Door hinges, open gears, wire ropes and cables, chains and sprockets, conveyors, manifold heat valves.



Spec. Gravity	Min. Temperature	Particle Size
1.04	-65°F / -54°C	1 mil max.
Tensile Strength	Max. Temperature	Elongation
350 min.	650°F / 343°C	500 min.
Colour	Shore A Hardness	Recovery
Red	32	1

Silicones cure rapidly to a strong, durable, flexible rubber at room temperature and bond to a wide range of substrate materials including metal, glass, most plastics, fabric, wood, ceramic, etc.



Saf-T-Lok Instant Bonders

IB-5 Penetrating	IB-45 General Purpose	IB-100 Plastic bonder
Viscosity (cps)	Viscosity (cps)	Viscosity (cps)
5	45	100
Gap Fill (in.)	Gap Fill (in.)	Gap Fill (in.)
0.002	0.003	0.004

IB-1500 Gap Filling	IB-HT - Hi-Temp	IB-GEL
Viscosity (cps)	Viscosity (cps)	Viscosity (cps)
1500	100	50000
Gap Fill (in.)	Gap Fill (in.)	Gap Fill (in.)
0.01	0.004	0.015

IB-B - Impact (black)	IB-SI - Surface Insensitive	IB-NF - Non-Frosting
Viscosity (cps)	Viscosity (cps)	Viscosity (cps)
3000	100	100
Gap Fill (in.)	Gap Fill (in.)	Gap Fill (in.)
0.012	0.01	0.01

Applications: paper mill dryers, ball mills in mining applications and trunnion bearings.



Saf-T-Eze Regular Grade Anti-Seize

Regular Grade

Regular Grade Anti-Seize can be used as a lubricant, a sealer, a break-in lubricant, and as a tapping compound on plastic as well as metal. Surfaces need not be cleaned before application unless grit or low quality oil/grease is present and ultimate performance is required. Operating Temperature -65°F/-54°C to 650°F/343°C



Saf-T-Eze Pen-Oil

Lubricates & Protects

Pen-Oil is a hydrocarbon based compound formulated with low surface tension to allow penetration of accumulated grease and grit deposits as well as rust and other corrosion. Displaces moisture and clings to metal providing a thin protective film against oxidation.



Saf-T-Eze Silicone-Lube FD

Food/Drug Grade

Silicone-Lube Food/Drug Grade is formulated from the highest quality silicone fluids to provide an extended range of lubrication where conventional hydrocarbons and oils vaporize. These silicone fluids penetrate the surface of plastic and rubber as well as metal to provide a non-tacky film of lubrication.



Saf-T-Eze Structural Adhesive SA-5

2-Part Bonding Adhesive System

SAF-T-LOK® Structural Adhesive provides high impact resistance, has low odour, is non-flammable, quick setting and offers high bond strength and impact resistance on a wide variety of substrates.



Saf-T-Eze Regular Grade Anti-Seize

Spec. Gravity	NLGI Grade	Particle Size
1.2	1	1.5 mil max.
Colour	Drop Point	Flash Point ASTM D-2265
Silver	380°F / 193°C	410°F / 210°C

Use on threaded parts, bushings, gears, valve stems, chain sprockets, levers, hinges, pivots, rollers, heat exchanger or manifold bolts, or as a gasket release agent, etc.



Saf-T-Eze Pen-Oil

Spec. Gravity	Film Thickness	Surface Tension
0.6 gm/cc	.03 mils	23.4 dynes/cm
Volatiles	Falex Lubricity	Flash Point
0.9	1750 lbs	-40°F / -40°C
Type	Coverage	Weight per Gall
Aerosol	5100 Sq.Ft./gal	5 lbs

Applications: steel mills, mobile equipment in construction and mining, paper mill wet end, bearings, crushers, loader bucket pins, and more.



Saf-T-Eze Silicone-Lube FD

Surface Tension	Temperature Range	Flash Point
21 dynes/cm	-60°F/ -51°C to 500°F/260°C	600°F/ 316°C
Type	Specific Gravity	Solvent
Aerosol	0.7. gm/cc	Hexane

Silicone-Lube Food/Drug Grade meets the requirements of the United States Department of Agriculture for incidental food contact in plants operating under the Federal Meat and Poultry Inspection Program. This product is NSF registered.



Saf-T-Eze Structural Adhesive SA-5

Bottle/Parts	Specific Gravity	Viscosity
2 (Adhesive & Activator)	1.1 gm/cc / 1.3 gm/cc	5000 cps / 2-5 cps
Colour	Solids Content	Flash Point
Amber	100% / 5%	> 200- 250°F / > 94 - 121°C

Provide high strength bond on oily surfaces, porous surfaces, and surfaces with large gaps between.



Robco Break-In Lubricant

For Packing Applications

Superior quality Break-In Lubricant for all packing applications. Robco Break-In Lubricant is specially formulated to facilitate the installation of new packing and prevent burning upon start-up.



Robco WRD-4481

Wire Rope Dressing

Robco WRD-4481 is a state-of-the-art, high performance, semi-fluid, non-soap wire rope dressing that rapidly penetrates to the core and will not fling off during operation.



Robco WRD-OG Lube

Wire Rope Dressing

Robco WRD-OG Lube is a high performance asphaltic-based lubricant that ensures excellent protection against wear and corrosion.



Robco 490 Neoprene Cement

Adhesive

490 Neoprene Cement is a neoprene solvent-based adhesive. Premium quality grade for high strength bonding of laminated panels or presswood.



Royal Purple Air Hammer Oil

Synthetic Rock Drill Oil

Air Hammer Oil is an ultra-tough, para-synthetic rock drill/air hammer oil designed to increase the life of your tools; noncorrosive to both ferrous and nonferrous metal.



Robco Break-In Lubricant

Specific Gravity	Temp. Range	Flash Point ASTM D93
0.970 @ 25°C	-60°F/ -51°C to 500°F/260°C	620°F / 327°C CC
Colour	Coeff. Of Expansion	Pour Point
Clear	0.00096 cc/cc/°C	-58°F / -50°C

All general packing applications.



Robco WRD-4481

NLGI Grade	Viscosity 40°C	Viscosity 100°C
-	1400-1800	90
Colour	Penetration ASTM D-21	Flash Point ASTM D93
Grey	-	428°F / 220°C

Applications: steel mills, mobile equipment in construction and mining, paper mill wet end, bearings, crushers, loader bucket pins, and more.



Robco WRD-OG Lube

NLGI Grade	Viscosity 100°C	Viscosity 100°C
-	375-425	375 - 425
Colour	Penetration ASTM D-21	Flash Point ASTM D93
Grey	-	440°F / 227°C

Applications: A highly effective wire rope field dressing; at the same time being an efficient open gear lubricant.



Robco 490 Neoprene Cement

Spec. Gravity	Viscosity	Solids
0.830 gm/cc	1600 ±100 cps	22 ±0.5%
Color	Odor	
Yellowish	Ketone	0

Used for bonding difficult substrates such as wood, presswood, plywood, metal, laminated veneer, Formica, Arborite, etc.



Royal Purple Air Hammer Oil

Viscosity Index	Viscosity 40°C	Viscosity 100°C
110-117	46 - 150	7.2 - 15.9
Colour	Pour Point D-6892	Flash Point ASTM D93
Purple	-	375-415°F / 190-212°C

Applications: Air hammers, rock drills.



Lubricants and Greases

Royal Purple Barrier Fluid FDA

For Mechanical Seals / FDA

Barrier Fluid FDA® provides very stable seal performance over an extremely wide temperature range, satisfying most seal service requirements. Barrier Fluid FDA® is extremely clean and has excellent low temperature fluidity and heat transfer properties.



Royal Purple Barrier Fluid GT

For Mechanical Seals

Barrier Fluid GT® is recommended for use at elevated temperatures where nitrogen purge is not an option and when FDA purity is not required.



Royal Purple Coupling Grease

Synthetic Coupling Grease

Royal Purple Coupling Grease is a lithium complex, high film strength grease formulated with high-viscosity synthetic oils and tacky synthetic polymers, plus Royal Purple's proprietary Synslide additive technology.



RP Escalator Chain Lube

Reduces noise levels and extends the life of chains and other high wear components

Escalator Chain Lube significantly improves equipment reliability while reducing lubricant consumption by as much as 75%. Escalator Chain Lube reduces noise levels and extends the life of chains and other high wear components such as Novatex board.



RP Marine Hydraulic Oil

Inherently Biodegradable Hydraulic Oil

Royal Purple's Marine Hydraulic Oil™ is an inherently biodegradable, ashless, environmentally responsible, high performance hydraulic oil, formulated for users who need a high performance oil to protect their equipment yet are concerned about the environment.



Royal Purple Barrier Fluid FDA

Product No.	Viscosity 40°C	Viscosity 100°C
22 - 910	5.2 - 65.5	1.75 - 9.9
Colour	Autoignition Point ASTM E-659	Flash Point ASTM D93
Clear	428-779°F / 220-450°C	330-530°F / 166-277°C

Barrier Fluid FDA is sanctioned under the FDA CFR Title 21 sections 178.3620(a)(b); 172.878;175.105; 172.200 & 210; 177.2260, 2600 & 2800, 178.3570 & 3910. NSF for H1.



Royal Purple Barrier Fluid GT

Product No.	Viscosity 40°C	Viscosity 100°C
22 - 910	5.2 - 65.5	1.75 - 9.9
Colour	Autoignition Point ASTM E-659	Flash Point ASTM D93
Purple	428-779°F / 220-450°C	330-530°F / 166-277°C

Pure, nonreactive, synthetic fluid that provides superior lubrication and cooling for double and tandem mechanical seals.



Royal Purple Coupling Grease

NLGI Grade	Viscosity 40°C	Viscosity 100°C
0	2995	112
Colour	Penetration D-217	Drop Point ASTM D-92
Purple	355 -385	392°F / 200°C

Provides superior resistance to oil separation from the high centrifugal force generated by couplings.



RP Escalator Chain Lube

Viscosity Index	Viscosity 40°C	Viscosity 100°C
132	46.5	7.7
Colour	Pour Point D-6892	Flash Point ASTM D93
Purple	-38°F / -39°C	440°F / 227°C

Designed to lubricate chains on escalators, moving sidewalks and elevator doors.



RP Marine Hydraulic Oil

ISO Grade	Viscosity 40°C	Viscosity 100°C
15 - 150	15 - 150	3.3 - 15.4
Colour	Flash Point ASTM D93	Drop Point ASTM D92
Purple	380-505°F / 193-263°C	380-555°F / 193-281°C

Components of Marine Hydraulic Oil™ are TSCA listed and meet EPA, RCRA and OSHA requirements. Biodegradable, meets the U.S. Fish & Wildlife Department's toxicity



Lubricants and Greases

Saf-T-Eze Pipe Seal

PTFE Pipe Sealant



Pipe-Seal is compounded with PTFE to lubricate joint assemblies, is resistant to chemicals and can be used on pipes larger than 3/4" diameter.



Saf-T-Eze Nickel Grade Anti-Seize

Meets MIL-A-907E



Nickel Grade Anti-Seize is compounded from fine particles of nickel, aluminum and graphite in a heat resistant lubricant and performs particularly well as nickel lubricates and keeps the metallic surfaces apart even under high pressure. Operating Temperature -65°F/-54°C to 2600°F/1427°C



Saf-T-Eze Nuclear Grade Anti-Seize

Nuclear Nickel Grade Anti-Seize



Formulated from the highest purity grease to minimize sulphur, halogens, mercury, etc. Available in nickel, stainless, and copper nuclear grades. These products meet MIL-A-907D, MIL-PRF-907E and exceed the requirements of General Electric, Bechtel and Westinghouse. Operating Temperature -65°F/-54°C to 2600°F/1427°C



Saf-T-Eze Pure-Copper Grade Anti-Seize

Copper Grade



Copper Grade Anti-Seize can be used as a lubricant, a sealer, a break-in lubricant, and as a tapping compound on plastic as well as metal. Surfaces need not be cleaned before application unless grit or low quality oil/grease is present and ultimate performance is required. Operating Temperature -65°F/-54°C to 2000°F/1093°C



Saf-T-Eze Pipe Seal

Spec. Gravity	Min. Temp.	Particle Size
1.3 gm/cc	-100°F / -73°C	-
Colour	Max. Temp.	Flash Point ASTM D-2265
White	500°F / 260°C	350°F / 177°C

To seal kerosene, LP gas, oil, water, weak caustic acids and low pressure steam.



Saf-T-Eze Nickel Grade Anti-Seize

Spec. Gravity	NLGI Grade	Particle Size
1.2	1	1 mil max.
Colour	Drop Point	Flash Point ASTM D-2265
Silver	380°F / 193°C	500°F / 260°C

Recommended where very different metals are used together such as brass and steel or where high nickel alloy metals such as stainless steel are involved.



Saf-T-Eze Nuclear Grade Anti-Seize

Spec. Gravity	NLGI Grade	Particle Size
1.2	1	1 mil max.
Colour	Drop Point	Flash Point ASTM D-2265
Silver	500°F / 260°C	440°F / 227°C

Use on threaded parts, bushings, gears, valve stems, chain sprockets, levers, hinges, pivots, rollers, heat exchanger or manifold bolts, or as a gasket release agent, etc.



Saf-T-Eze Pure-Copper Grade Anti-Seize

Spec. Gravity	NLGI Grade	Particle Size
1.2	1	1 mil max.
Colour	Drop Point	Flash Point ASTM D-2265
Copper	380°F / 193°C	500°F / 260°C

Use on threaded parts, bushings, gears, valve stems, chain sprockets, levers, hinges, pivots, rollers, heat exchanger or manifold bolts, or as a gasket release agent, etc.





Saf-T-Eze Contact-Clean

Electrical Contact Cleaner

Electrical Contact-Clean is a specially formulated solvent designed to remove carbon deposits, grease, oil and corrosion deposits from electrical equipment. After cleaning, check and oil parts that need lubrication. Eliminates noise caused by dust and dirt.



Saf-T-Eze Dry Moly

Dry Film Lubricant

Resistant to water and water based solutions. Exposure to temperatures above 375°F will add resistance to solvents. Dry Moly is recommended for high temperature applications where parts are exposed to continuous sliding friction. Ideal lubricant in dusty environments.



Saf-T-Eze FDA Grade Anti-Seize

Stops corrosion, galling, and seizure between metal parts

SAF-T-EZE® Food/Drug Grade Anti-Seize has been formulated to meet rigorous USDA requirements. This product is odourless, tasteless, non-staining and corrosion resistant. Operating temperature: -65°F/-54°C to 500°F/260°C



Saf-T-Eze Gasket-Off

For Metal Surfaces

Gasket-Off is designed with hydrocarbon thickeners and propellants which disperse as a foamy white cream to remove baked-on gaskets, gasket cement, carbon deposits, dried oils, grease and paint from metal in 10 minutes.



Saf-T-Eze Industrial Pipe Sealant

ITPS Pipe Sealant

Specialized single component, solvent-free compounds that are individually formulated for locking, sealing, retaining and bonding metal parts and assemblies.



Saf-T-Eze Contact-Clean

Weight / Gallon	Boiling Point	Specific Gravity @25°C
10.3 lbs	160°F / 72°C	1.33 gm/cc
Colour	Flash Point	Evaporation Rate
-	None	4.5

Applications: steel mills, mobile equipment in construction and mining, paper mill wet end, bearings, crushers, loader bucket pins, and more.



Saf-T-Eze Dry Moly

Density	Min. Temp.	Specific Gravity
-	-100°F / -74°C	0.7
Colour	Max. Temp.	Evaporation Rate
Dark grey	650°F / 343°C	-

For general plant maintenance and environments where clean dry lubrication is required. Ideal for various applications from -100°F to 650°F.



Saf-T-Eze FDA Grade Anti-Seize

NLGI Grade	Specific Gravity	Flash Point C.O.C.
1	1.0 gm/cc	390°F / 199°C
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
White	240 ±20	300°F / 149°C

Use on threaded parts, bushings, gears, valve stems, chains, sprockets, levers, hinges, pivots, rollers, or as a gasket release agent, etc. (\* and proprietary solids)



Saf-T-Eze Gasket-Off

NLGI Grade	Specific Gravity	Flash Point C.O.C.
-	1.2 gm/cc	-40°F / -40°C
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
-	-	-

To remove gaskets, gasket cement, carbon deposits, dried oils, grease and paint from metal.



Saf-T-Eze Industrial Pipe Sealant

Spec. Gravity	Viscosity	Particle Size
1.5 gm/cc	1,500,00 cps	40 microns
Colour	Temperature Range	Flash Point ASTM D-2265
White	-65°F/-54°C to 400°F/260°C	860°F / 460°C

Performs on all metal including stainless steel and aluminum.



Royal Purple Max-Chain®

Dry Film / EP Lubricant for chains, open gears & sliding surfaces

Max-Chain® is an advanced synthetic lubricant that dramatically reduces wear and extends equipment life. Provides excellent protection against rust and corrosion and works equally well in wet, acidic environments and dusty environments.



Royal Purple Maxfilm®

Multi-purpose Aerosol Lubricant / Preservant / Preservative

Maxfilm® is a multipurpose, synthetic lubricant that excels in many applications. It deeply penetrates, cleans and loosens rusted parts. Maxfilm leaves an exceptionally tough and durable lubricating film for improved operation and long-lasting protection against wear, rust and corrosion.



RP Open Gear Guard XP

Dry Film / EP Lubricant for Open Gears

Royal Purple® Open Gear Guard XP is a unique thixotropic lubricant designed to effectively lubricate open gears and chains subjected to high loads in dusty or dirty environments.



Royal Purple Paper Mill Grease

Synthetic Pulp & Paper Grease

Royal Purple® Paper Mill Grease is a high performance, aluminum complex synthetic grease designed to lubricate a wide range of typical paper/pulp processing applications using a single grease.



Royal Purple Max-Chain®

ISO Grade	Viscosity 40°C	Viscosity 100°C
-	657 (3.8 w/diluent)	34.8 (1.4 w/diluent)
Colour	Density D-4052	Flash Point ASTM D93
Purple	6.87 lbs/g	205°F / 96°C

Max-Chain is recommended for chains and open gears operating in dusty environments.



Royal Purple Maxfilm®

ISO Grade	Viscosity 40°C	Viscosity 100°C
-	224.9 (5.6 w/diluent)	17.5 (1.5 w/diluent)
Colour	Density D-4052	Flash Point ASTM D92
Purple	7.93 lbs/g	215°F / 102°C

Loosening stuck parts. Lubricating power tools, hinges, chains, rollers, open gears, fishing tackle, lawn equipment, and more. Preserving and protecting parts in storage against rust and corrosion. Acting as a manual cutting fluid for easier hand drilling, tapping, metal cutting, etc.



RP Open Gear Guard XP

ISO Grade	Viscosity 40°C	Viscosity 100°C
-	657.2 (3.5 w/diluent)	34.81 (1.4 w/diluent)
Colour	Density	Flash Point ASTM D-92
Purple	6.77 lbs/g	205°F / 96°C

Designed to effectively lubricate open gears and chains subjected to heavy loads in dusty or dirty environments.



Royal Purple Paper Mill Grease

NLGI Grade	Viscosity 40°C	Viscosity 100°C
1.5	244	24
Colour	Penetration ASTM D-21	Drop Point ASTM D-566
Purple	300 (16x)-275 (10000x)	536°F / 280°C

Highly recommended on wet end roll bearings, wire return rolls, couch rolls, suction press rolls, granite or synthetic covered press rolls and wet felt rolls, as well as dryer felt rolls, coater rolls, calendar rolls, winder rolls and super calendar rolls.



Lubricants and Greases

Royal Purple Poly-Guard® FDA

High Performance NSF/USDA H-1 Oil

Poly-Guard® FDA is formulated with Royal Purple's proprietary Purolec® additive technology which is proven to reduce wear and keep equipment cleaner, allowing for substantially longer oil drain intervals.



Royal Purple Royal Flush

Oil Circulation System Cleaner

Royal Purple's Royal Flush is a safe, effective and inexpensive product for cleaning sludge and varnish from equipment while in service.



Royal Purple Syndraulic®

High Performance Hydraulic Oil

Syndraulic® is a clean, long life, energy efficient, minimum leak hydraulic oil possessing exceptional film strength and wear protection properties. It can lower operating temperatures and restore normal operation to hydraulic systems that are operating erratically.



Royal Purple Synfilm®

Air Compressor and Industrial Oil

Synfilm® is a clean, dry, long life, high film strength, energy efficient, synthetic lubricant that significantly increases bearing life and equipment reliability.



Royal Purple Synfilm® GT

Multi-Purpose Industrial Oil

Synfilm® GT should be considered instead of Synfilm® when oil reservoir temperatures exceed 200°F, improved low temperature fluidity is desired or when the required viscosity grade is not available in Synfilm.



Royal Purple Poly-Guard® FDA

ISO Grade	Viscosity 40°C	Viscosity 100°C
32 - 460	32 - 460	6.1 - 39
Colour	Density	Flash Point ASTM D-92
Clear	6.94 - 7.24 lbs/g	410 - 490°F / 210 - 255°C

Recommended for use in compressors, pumps, gear boxes, bearings, hydraulic systems, blowers or other equipment in food-processing or pharmaceutical plants.



Royal Purple Royal Flush

ISO Grade	Viscosity 40°C	Viscosity 100°C
46	46	6.3
Colour	Density	Flash Point ASTM D-92
Purple	7.89 lbs/g	470°F / 243°C

Safe and effective flushing and cleaning fluid for the dirty environment of oil circulating systems and reservoirs.



Royal Purple Syndraulic®

ISO Grade	Viscosity 40°C	Viscosity 100°C
10 - 150	10 - 150	2.0 - 14.8
Colour	Density	Flash Point ASTM D-92
Purple	6.94 - 7.48 lbs/g	380-450°F / 193-232°C

Increases the life of the oil and the seals, filters and pumps of hydraulic systems.



Royal Purple Synfilm®

ISO Grade	Viscosity 40°C	Viscosity 100°C
32 - 150	32 - 150	5.8 - 16.5
Colour	Density	Flash Point ASTM D-92
Purple	6.9 - 7.38 lbs/g	430-500°F / 221-260°C

Recommended for use in air compressors, pumps, steam turbines, bearings, gears, air tools, etc.



Royal Purple Synfilm® GT

ISO Grade	Viscosity 40°C	Viscosity 100°C
10 - 680	10 - 680	2.0 - 47.9
Colour	Density	Flash Point ASTM D-92
Purple	6.9 - 7.38 lbs/g	355-485°F / 179-252°C

Recommended for use in gas and steam turbines, blowers, vacuum pumps, bearings, gears, air tools, etc.



Lubricants and Greases

Asbury 635 Fine Flake

Graphite Powder



Asburygraphite is used as a coating and additive for dry lubrication at high temperatures and pressures. Available in flake, powder, grease and liquid suspension.



Asbury Railroad 460

Railroad Switch Plate Lubrication



An excellent lubricant for the rough, demanding requirements of railroad switches. Railroad 460 is quick drying, durable, weather and corrosion resistant, and will not pick up dirt, dust or grit. It has a flash point of 57°F.



Asbury Railroad 470

Thicker Consistency Railroad Switch Plate Lubrication



An excellent lubricant for the rough, demanding requirements of railroad switches. Railroad 460 is quick drying, durable, weather and corrosion resistant, and will not pick up dirt, dust or grit. It has a flash point of 57°F.



Asbury Regular OCL

Oven Chain Lubricant



OCL Regular is a high quality graphite cold oven chain lubricant that coats all moving parts with a soft film of graphite after all the liquid distillate evaporates, reducing downtime for cleaning and repairs. It should be applied at temperatures of 250°F and lower.



Saf-T-Eze Belt-Dress

Belt-Dress



Belt-Dress is formulated to meet industrial demand for increased operating efficiency and longer belt life. Reduces stiffness and restores flexibility to worn and cracked belts.



Asbury 635 Fine Flake

% Ash	Operating Temp.	Particle Size
0.05	-	-100 mesh
Type	Lubricating Solids	Solid Contents
Flake	Carbon	0.95

Excellent conductor of electricity. Commonly used in machine shop applications where close tolerances are needed.



Asbury Railroad 460

Density	Flash Point	Particle Size
8.4 lbs/g	57°F / 14°C	-325 mesh
Colour	Lubricating Solids	Solids Content
Black	Natural Flake Graphite	0.44

Heavy-duty lubricating graphite coating formulated for railroad switch plate lubrication.



Asbury Railroad 470

Density	Flash Point	Particle Size
8.4 lbs/g	57°F / 14°C	-325 mesh
Colour	Lubricating Solids	Solids Content
Black	Natural Flake Graphite	0.47

Heavy-duty lubricating graphite coating formulated for railroad switch plate lubrication.



Asbury Regular OCL

Density	Applying Temperature	Particle Size
7.9 lb/gal	Under 250°F / 121°C	13 microns
Colour	Lubricating Solids	Solids Content
Black	Amorphous Graphite	0.25

Oven chains.



Saf-T-Eze Belt-Dress

Density	Boiling Point	Specific Gravity @25°C
-	-	0.9 gm/cc
Colour	Flash Point	Evaporation Rate
-	-40°F / -40°C	-

For flat, round and v-belts of all sizes





Asbury EG#2HP

Food Grade Grease

EG#2HP Food Grade Grease is a translucent, non-toxic, H1-rated grease for the lubrication of machinery used to produce, process, package and or transport food, beverages, and pharmaceuticals where incidental contact with the product may occur.



Asbury Microfyne

Extra Fine Powder

Excellent conductor of electricity. Commonly used as a conductive material and by both gunsmith and locksmith. Particle size is -325 mesh.



Asbury No. 1 Large Flake

Graphite Powder

Ideal as a lubricant that is subject to water, alkali, gas, acid and brine. Particle size is a 50 x 80 mesh.



Asbury No. 2 Medium Flake

Graphite Powder

Ideal as a lubricant that is subject to water, alkali, gas, acid and brine. Particle size is a 50 x 200 mesh. For general use.



Asbury 205 Powdered Flake

Powdered Amorphous Graphite

Utility grade graphite for use in low-priced release coatings as pigment and as a carbon additive.



Asbury EG#2HP		
NLSI Grade	Operating Temperature	Viscosity 100°F
2	10°F - 325°F -12°C - 111°C	110 cSt
Drop Point	Thickener	Penetration @60 stokes
None	Inorganic Gel	270

Plain, antifriction and rolling contact bearings, gears, cams, slides, pumps, food mixers, freezers, bottlers, canners, packagers, fillers, wrappers, presses.



Asbury Microfyne		
% Ash	Operating Temp.	Particle Size
0.05	-	-325 mesh
Type	Lubricating Solids	Solid Contents
Flake	Carbon	0.95

Ideal for use in precision applications: locks, bearings, cameras, firearms and reels as well as with conductive materials and coatings.



Asbury No. 1 Large Flake		
% Ash	Operating Temp.	Particle Size
-	-	50-80 mesh
Type	Lubricating Solids	Solid Contents
Flake	Carbon	0.9

Recommended for heavy bearings, steam engines, cylinders, compressors, gears and wherever friction is severe; also useful for coating gaskets, packings and pipe fittings.



Asbury No. 2 Medium Flake		
% Ash	Operating Temp.	Particle Size
-	-	50-200 mesh
Type	Lubricating Solids	Solid Contents
Flake	Carbon	0.9

Smaller flake especially suitable for coating steam engine cylinders, valves and close fitting bearings.



Asbury 205 Powdered Flake		
% Ash	Operating Temp.	Particle Size
-	-	-325
Type	Lubricating Solids	Solid Contents
Flake	Carbon	0.849

For applications where high-purity graphites are not required.



Royal Purple Synfilm® Recip.

Reciprocating Air Compressor Oil

Synfilm® Recip. is a long life, high film strength, energy efficient synthetic lubricant that significantly increases the reliability and efficiency of reciprocating air and shop compressors. Excels at reducing wear and keeping discharge valves free of harmful carbon deposits.



Royal Purple Thermyl-Glyde®

Severe Service Gear & Bearing Oil

Thermyl-Glyde® is an ultra-tough, long-life, industrial EP synthetic gear oil proven to make gears run smoother, quieter, cooler and longer without overhaul.



RP Thermyl-Glyde® WGO

Worm Gear Oil - Severe Service Gear Oil

Thermyl-Glyde Worm Gear Oil contains slippery, synthetic molecules plus special anti-wear additives to provide the lubricity and oiliness properties necessary to excel in worm gear lubrication.



Royal Purple Thermyl-Tuff®

Maximum Load Synthetic Lubricant

Thermyl-Tuff® is a viscous, tacky, semi-fluid lubricant that protects heavily-loaded sliding surfaces such as open gears, skid rails, etc. where other EP products perform poorly or even fail.



Royal Purple Synfilm® Recip.

ISO Grade	Viscosity 40°C	Viscosity 100°C
68 - 150	68 - 150	8.6 - 12.5
Colour	Density	Flash Point ASTM D-92
Purple	7.96 lbs/g ±1	485-495°F / 252-257°C

Recommended for lubricating reciprocating air compressors (piston type).



Royal Purple Thermyl-Glyde®

ISO Grade	Viscosity 40°C	Viscosity 100°C
32 - 1500	32 - 1500	6.1 - 82.7
Colour	Density	Flash Point ASTM D-92
Purple	7.04 - 7.41 lbs/g	330-420°F / 166-216°C

Recommended where heavy loads, shock loads, low operating speeds and/or high operating temperatures are encountered.



RP Thermyl-Glyde® WGO

ISO Grade	Viscosity 40°C	Viscosity 100°C
460 - 680	460 - 680	36.5 - 47.6
Colour	Density	Flash Point ASTM D-92
Purple	7.34 - 7.38	400-405°F / 204-207°C

Recommended where heavy loads, shock loads, low operating speeds and/or high operating temperatures are encountered. Synergy Worm Gear Oil and fully synthetic Thermyl-Glyde Worm Gear Oil are Textron/Cone Drive approved.



Royal Purple Thermyl-Tuff®

ISO Grade	Viscosity 40°C	Viscosity 100°C
100 - 300	100 - 300	149 - 457
Colour	Density	Flash Point ASTM D-92
Purple	7.59 - 7.63 lbs/g	335-385°F / 168-196°C

Recommended for booms on hydraulic cranes, heavy loaded open gears, skid rails, bushings, couplings, bearings, cables etc. or low speed bearing at high temperatures.



Lubricants and Greases

RP Ultra-Performance® Grease

Multi-Purpose Synthetic Grease

Ultra-Performance® Grease is a high performance, multi-service, aluminum complex synthetic grease. Its outstanding EP capabilities and excellent water resistance to both emulsion and washout are achieved through its superior blend of synthetic base oils plus Synslide® additive technology.



RP VP Preservative Oil 10

Vapor Phase Corrosion Inhibitor

VP Preservative Oil 10 prevents rust and corrosion of all metal surfaces to which it is applied. In addition, it fills any closed spaces with vapors to prevent rust and corrosion of surfaces not in contact with the oil.



Royal Purple Wire Rope

Premium Corrosion and Wear Protection

Wire Rope Lubricant is formulated with Royal Purple's Synslide® additive technology. Synslide effectively penetrates wire ropes and forms a protective "polar bond" with metal surfaces to provide maximum protection under boundary lubrication conditions common with heavily loaded wire ropes and cables.



Asbury AEL 384 Graphite Grease

Aluminum Extrusion Graphite Grease

AEL 384 Graphite grease is a heavy-duty multi-purpose graphite grease particularly useful in aluminum extrusion operations.



Asbury Borokote 2

High Temperature Mould Release

A high-performance water-based coating specially formulated for use in casting operations. It provides a long-lasting, protective, non-stick coating for surfaces in contact with molten metal.



RP Ultra-Performance® Grease

NLGI Grade	Viscosity 40°C	Thickener Type
1-2	150	Aluminum Complex
Colour	Penetration ASTM D-217	Drop Point ASTM D-566
Purple	319 - 380	520°F / 271°C

Satisfies a wide range of grease requirements and is recommended for bearings and general purpose use.



RP VP Preservative Oil 10

Odour	Viscosity 40°C	Viscosity 100°C
Pungent	19.5	-
Colour	Density	Flash Point ASTM D-92
Purple	7.21 lbs/g	400°F / 204°C

Recommended for rust prevention and corrosion in engines, gear boxes and other closed systems that will be stored for periods up to/longer than a year.



Royal Purple Wire Rope

ISO Grade	Viscosity 40°C	Viscosity 100°C
460	483	33.5
Colour	Density	Flash Point ASTM D-92
Purple	7.79 lbs/g	405°F / 207°C

Extends service life of wire ropes and cables over a wide range of temperatures and working conditions. Common applications include mining, marine and construction.



Asbury AEL 384 Graphite Grease

NLGI Grade	Moisture Content	Solids Content
3.5	0.0025	0.1
Colour	Penetration ASTM D-217	Drop Point ASTM D-2265
Black	195 - 235	360°F / 182°C

Applications: Lubrication of extrusion dies, die assemblies, dummy blocks, shear blades and hot billet ends.



Asbury Borokote 2

Colour	pH	Consistency
White or Blue	10.8 - 11.5	Light Fluid
Solids	Lubricating Solids	Carrier
25%	Boron Nitride	Water

Applications: Ceramic troughs, filter boxes, funnel runners, tundishes, caster tips, basins & pour spouts.



Lubricants and Greases

Slip Plate® Aerosol

Dry Film Graphite Lubricant

An aerosol dry film graphite lubricant. When dry, it produce resists corrosion. The coating is naturally hydrophobic and will repel rain, snow, and mud.



Asbury Wax Stick

General Purpose Lubricant

Wax sticks are specifically formulated to be applied directly to areas requiring lubrication for surface temperatures up to 400°F.



Asbury Graphokote® 410-S & 495

Heavy Duty Graphite Dry Film

Graphokote® 410-S and 495 perform well in extreme temperatures or extremely dusty environments where oil-based lubrication is not feasible. Provide excellent protection on surfaces for extended periods of time where weather, oil and water resistance are necessary.



Asbury Hybake Supreme OCL

Oven Chain Lubricant

Hybake Supreme is a premium high temperature lubricant formulated with high-purity, ultra-fine graphite for maximum penetration into all moving parts. Permits lubrication of ovens at higher temperatures, reducing costly downtime.



Asbury Hyheet Graphite Grease

High Temperature non-melt Graphite Grease

Hyheet Graphite Grease (NLGI#2) is a high temperature, non-melting, anti-wear grease fortified with graphite to lubricate and protect in temperatures up to 550°F. Will not melt or run out of bearings or fittings.



Slip Plate®Aerosol

Surface Continuous Temp.
-75°F / -59°C - 425°F / 218°C
Particle Size
2.5 microns

Suitable for a wide variety of applications. It can be sprayed on almost any clean, dry surface. Shake well before using.



Asbury Wax Stick

Max. Surface Temp.
400°F / 204°C
Lubricating Solids
Graphite

Designed to coat, lubricate and reduce friction on various surfaces. Ideal as a general purpose lubricant for drilling, tapping, cutting, etc.



Asbury Graphokote® 410-S & 495

Density	Flash Point	Consistency
8.4 - 10 lbs/g	75 - 82°F / 24 - 28°C	Heavy Fluid
Colour	Lubricating Solids	Solids Content
Black	Flake Graphite Blend	50.5 - 57%

Extrusion billet coatings, hot top billet casting, casting mold release and other applications.



Asbury Hybake Supreme OCL

Density	Applying Temperature	Particle Size
9.1 lb/gal	Under 475°F / 246°C	5 microns
Consistency	Graphite Content	Solids Content
Fluid	Synthetic Graphite	0.1

Oven Chains.



Asbury Hyheet Graphite Grease

NLGI Grade	Viscosity 40°C	Viscosity 100°C
2	194	17
Colour	Penetration ASTM D-21	Drop Point ASTM D-2265
Black	275	None

High temperature applications on bearings, kiln ovens, casters, oven bearings, high temperature exhaust fans and oven damper controls.

