



GULFLUBE

GULFLUBE IS PURSUING TO CREATE
ULTIMATE DRIVING EXPERIENCE FOR
OUR USERS FROM EVERYDAY DRIVING
TO MOTOR SPORTS.

GULFLUBE

LUBRICANTS

GULFLUBE

GULFLUBE lube oils are products of Gulf Lubricants (Pvt) Ltd., the leading independent lube oil manufacturer in Sultanate of Oman.

By using industry's finest materials and cutting edge technology, Gulf Lubricants (Pvt) Ltd is producing premium class lube oils which meet the most challenging specifications of the contemporary vehicles and equipments manufacturers, and its highly comprehensive and flexible products ranging from motor oils to specialty and industrial lubricants meet the diversified and fast-changing requirements from today's customers.

The lubricants industry is changing very rapidly, and the most of such changes come from the growing demands for cleaner products for cleaner world. As a result, the need for lubricants to meet more stringent regulatory standards and the challenging specifications is growing. The current change to higher quality lubricants is driven mainly by the automobile industry's increasingly demanding requirements such as severe vehicle emission standards.

Gulf Lubricants (Pvt) Ltd has been thriving on to meet such changes from its beginning, and its lube oils made from the finest synthetic base oils and special additive package will be a better and relatively more economic solution to such changing requirements.

oils have official OEM approval from Volkswagen AG Germany and official license from American Petroleum Institute (API) including API Resource Conserving grade which is granted to lube oils for excellent fuel economy.



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Contents:

- 07 PASSENGER CAR ENGINE OILS**
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- 17 ATF & GEAR LUBRICANTS**
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GULFLUBE

PACKAGES

1 Liter, 4 Liter, 8 Liter, 10 Liter,
20 Liter, 208 Liter,





GULFLUBE
PASSENGER CAR
ENGINE OILS

**REVOLINE GOLDEN
MARK FULLY
SYNTHETIC**

**REVOLINE MARK 1+
FULLY SYNTHETIC**

**REVOLINE MARK 1
FULLY SYNTHETIC**

REVOLINE MARK 2

GULFLUBE

REVOLINE GOLDEN MARK Fully Synthetic Motor Oil

Revoline Golden Mark is an advanced full synthetic motor oil provide extreme performance and protection under normal or even extreme and low-temperature operating conditions. It is engineered to provide long engine life and ultimate protection in a wide variety of weather, temperatures, and driving conditions of vehicles of all ages, outperforming the conventional and synthetic blend oils. It provides ultimate protection against sludge, engine rust and corrosion under severe and low-temperature operating conditions.



Specifications

Revoline Golden Mark meets or exceeds the requirements of the following specifications :

API SN, ILSAC GF-5 (0W-20, 0W-30), ACEA A3/B4

Features & Benefits

- **EXTREME PERFORMANCE** : Specially engineered additive package system provides extreme power and performance even in the most severe conditions.

- **LONG ENGINE LIFE** : Advanced full synthetic formula helps to

prevent deposits and sludge build-up. Excellent lubrication and wear protection under various operating conditions from cold to hot and from mild to extreme. Excellent low temperature capability reduces friction at engine start-up specially in cold weather.

- **LONG OIL LIFE** : Excellent thermal and oxidation stability prevents oil breakdown and maintains oil viscosity. -

SAVE FUEL : Specially engineered additive package system containing special friction modifiers helps to reduce friction which leads to save fuel.

- **SAVE EARTH** : Specially engineered additive package system helps to reduce exhaust gas emission.

Applications

- Passenger Car with Gasoline Engine
- Light Truck / SUV with Gasoline Engine
- CNG/LPG Vehicles
- Motor Cycle with 4-Stroke Engine
- Portable Power Equipments
- Specially Recommended for Vehicles with DOHC, EFI, Turbocharger/Intercooler

Typical Properties

	0W-20	0W-30
API	SN	SN
ACEA	A3/B4	A3/B4
Viscosity @100°C, cSt	10.5	11.11
Viscosity @40°C, cSt	59.06	69.06
Viscosity Index	155	155
Flash Point (°C)	218	220
Pour Point (°C)	-45	-45
Density @15°C	0.850	0.855

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REVOLINE 1+ SN FULLY SYNTHETIC Motor Oil

REVOLINE 1+ SN FULLY SYNTHETIC is a full synthetic high performance motor oil, formulated to provide ultimate performance and protection under severe and low-temperature operating conditions. It is engineered to provide long engine life and ultimate protection in a wide variety of weather, temperatures, and driving conditions of vehicles of all ages, outperforming the conventional and synthetic blend oils.

It provides ultimate protection against sludge, engine rust and corrosion under severe and low-temperature operating conditions.



Specifications

SN FULLY SYNTHETIC meets or exceeds the requirements of the following specifications :
API SN, ILSAC GF-5 (5W-20, 5W-30, 10W-30), ACEA A3/B4

Features & Benefits -

Premium motor oil with full synthetic base oil and special additive package

- API SN Resource Conserving grade (5W-20, 5W-30, 10W-30)
- Extends engine life - Excellent wear protection for vehicles in all ages
- Outstanding high temperature protection
- Excellent high temperature performance without oil thickening and breakdown
- Significant reduction of oil consumption and loss
- Easy starting and oil circulation in cold weather to protect vital engine parts
- Meets or exceeds the latest industry specifications

Applications

- Passenger Car with Gasoline Engine
- Light Truck / SUV with Gasoline Engine
- CNG/LPG Vehicles • Motor Cycle with 4-Stroke Engine
- Portable Power Equipments
- Specially Recommended for Vehicles with DOHC, EFI, Turbocharger/Intercooler

Typical Properties

	5W-20	5W-30	5W-40	10W-30	10W-40
API	SN	SN	SN	SN	SN
ACEA	A3/B4	A3/B4	A3/B4	A3/B4	A3/B4
Viscosity @100°C, cSt	8.5	10.5	14.9	11.5	13.9
Viscosity @40°C, cSt	49.1	68.2	101	62.5	91.7
Viscosity Index	150	142	154	158	155
Flash Point (°C) 2	226	224	228	224	218
Pour Point (°C)	- 40	- 37.5	- 37.5	- 40	- 42
Density @15°C	0.850	0.855	0.855	0.855	0.855

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REVOLINE 1 SN FULLY SYNTHETIC Motor Oil

REVOLINE 1 SN FULLY SYNTHETIC is a full synthetic high performance motor oil, formulated to provide ultimate performance and protection under severe and low-temperature operating conditions. It is engineered to provide long engine life and ultimate protection in a wide variety of weather, temperatures, and driving conditions of vehicles of all ages, outperforming the conventional and synthetic blend oils.

It provides ultimate protection against sludge, engine rust and corrosion under severe and low-temperature operating conditions.



Specifications

SN FULLY SYNTHETIC meets or exceeds the requirements of the following specifications :

API SN, ILSAC GF-5 (5W-20, 5W-30, 10W-30), ACEA A3/B4

Features & Benefits -

Premium motor oil with full synthetic base oil and special additive package

- API SN Resource Conserving grade (5W-20, 5W-30, 10W-30)
- Extends engine life - Excellent wear protection for vehicles in all ages
- Outstanding high temperature protection
- Excellent high temperature performance without oil thickening and breakdown
- Significant reduction of oil consumption and loss
- Easy starting and oil circulation in cold weather to protect vital engine parts
- Meets or exceeds the latest industry specifications

Applications

- Passenger Car with Gasoline Engine
- Light Truck / SUV with Gasoline Engine
- CNG/LPG Vehicles • Motor Cycle with 4-Stroke Engine
- Portable Power Equipments
- Specially Recommended for Vehicles with DOHC, EFI, Turbocharger/Intercooler

Typical Properties

	5W-20	5W-30	5W-40	10W-30	10W-40
API	SN	SN	SN	SN	SN
ACEA	A3/B4	A3/B4	A3/B4	A3/B4	A3/B4
Viscosity @100°C, cSt	8.5	10.5	14.9	11.5	13.9
Viscosity @40°C, cSt	49.1	68.2	101	62.5	91.7
Viscosity Index	150	142	154	158	155
Flash Point (°C) 2	226	224	228	224	218
Pour Point (°C)	- 40	- 37.5	- 37.5	- 40	- 42
Density @15°C	0.850	0.855	0.855	0.855	0.855

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REVOLINE 2 SN FULLY SYNTHETIC Motor Oil

SN SYNTHETIC Synthetic Motor Oil

SN SYNTHETIC is a synthetic motor oil, formulated to provide excellent performance and protection for vehicles in all ages under various operating conditions. It is engineered to provide long engine life and outstanding protection in a wide variety of weather, temperatures, and driving conditions of vehicles of all ages, outperforming the conventional blend oils. It provides outstanding protection against sludge, engine rust and corrosion under various operating conditions.



Specifications

SN SYNTHETIC meets or exceeds the requirements of the following specifications :

API SN, ILSAC GF-5 (5W-20, 5W-30, 10W-30), ACEA A3/B4

Features & Benefits

- Premium motor oil with synthetic base oil and special additive package
- API SN Resource Conserving grade (5W-20, 5W-30, 10W-30)
- Extends engine life - Excellent wear protection for vehicles in all ages
- Outstanding high temperature protection - Excellent high temperature performance without oil thickening and breakdown
- Significant reduction of oil consumption and loss
- Easy starting and oil circulation in cold weather to protect vital engine parts
- Meets or exceeds the latest industry specifications

Applications

- Passenger Car with Gasoline Engine
- Light Truck / SUV with Gasoline Engine
- CNG/LPG Vehicles • Motor Cycle with 4-Stroke Engine
- Portable Power Equipments
- Specially Recommended for Vehicles with DOHC, EFI, Turbocharger/Intercooler

Typical Properties

	5W-20	5W-30	5W-40	10W-30	20W-50
API	SN	SN	SN	SN	SN
ACEA	A3/B4	A3/B4	A3/B4	A3/B4	A3/B4
Viscosity @100°C, cSt	8.5	10.5	14.9	11.5	18.4
Viscosity @40°C, cSt	49.1	68.2	101	62.5	147.7
Viscosity Index	150	142	154	158	140
Flash Point (°C) 2	226	224	228	224	238
Pour Point (°C)	- 40	- 37.5	- 37.5	- 40	- 36
Density @15°C	0.850	0.855	0.855	0.855	0.860

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REVOLINE MARK 3 SG High Performance Motor Oil

REVOLINE MARK 3 is a high performance conventional motor oil, formulated to provide excellent performance and protection for vehicles in all ages under various operating conditions. It is engineered to provide long engine life and outstanding protection in a wide variety of weather, temperatures and driving conditions of vehicles of all ages. It provides outstanding protection against sludge, engine rust and corrosion under various operating conditions.



Specifications

SG meets or exceeds the requirements of the following specifications :

API SG, CD, ACEA A3/B4

Features & Benefits

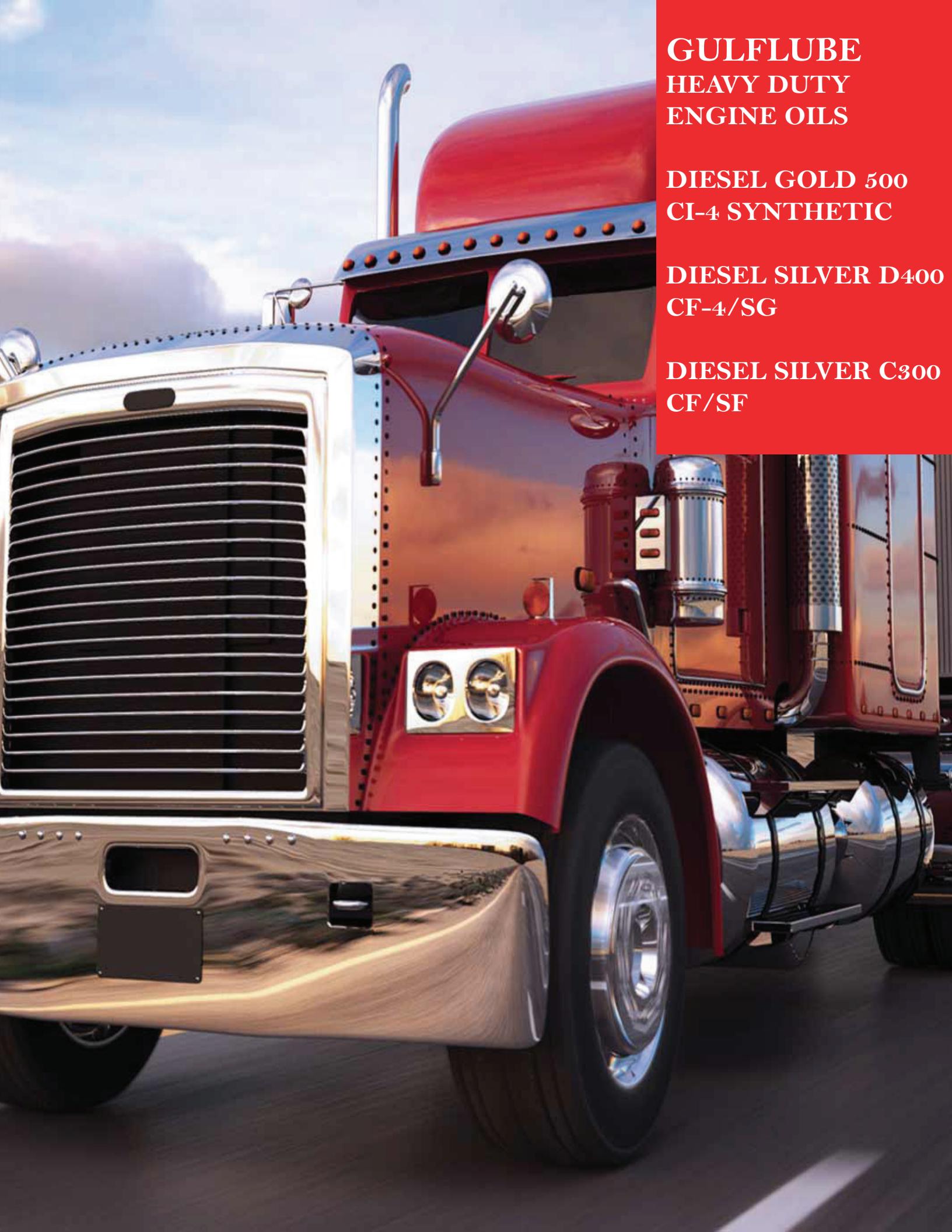
- Premium motor oil with refined base oil and special additive package
- Extends engine life - Excellent wear protection for vehicles in all ages
- Outstanding high temperature protection
- Excellent high temperature performance without oil thickening and breakdown
- Significant reduction of oil consumption and loss
- Easy starting and oil circulation in cold weather to protect vital engine parts

Applications

- Passenger Car with Gasoline Engine
- Light Truck / SUV with Gasoline Engine
- CNG/LPG Vehicles
- Motor Cycle with 4-Stroke Engine
- Portable Power Equipments
- Specially Recommended for Vehicles with DOHC, EFI, Turbocharger/Intercooler

Typical Properties

	15W-40	20W-50
API	SG, CD	SG, CD
ACEA	A3/B4	A3/B4
Viscosity @100°C	14.9	19.1
Viscosity @40°C	112.5	153
Viscosity Index	137	142
Flash Point (°C)	228	252
Pour Point (°C)	- 32.5	- 30
Density @15°C	0.868	0.875

A large red semi-truck is shown from a front-three-quarter perspective, driving along a road. The truck has a chrome grille, side mirrors, and a exhaust pipe. The background shows a sunset or sunrise with a cloudy sky.

GULFLUBE
HEAVY DUTY
ENGINE OILS

DIESEL GOLD 500
CI-4 SYNTHETIC

DIESEL SILVER D400
CF-4/SG

DIESEL SILVER C300
CF/SF

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DIESEL GOLD 500 CI-4 SYNTHETIC Heavy Duty Diesel Engine Oil

DIESEL GOLD 500 CI-4 SYNTHETIC is a synthetic heavy duty diesel engine oil, specially formulated to provide supreme performance and protection for both of the latest high performance and low emission diesel engines with Exhaust Gas Recirculation (EGR) and older engines operating on either low or high sulfur fuels. It provides excellent control of oil thickening due to soot build-up and exposure to high temperatures and outstanding resistance to oxidation, corrosion, wear and high temperature deposits.

CI-4 SYNTHETIC is recommended for use in a wide range of heavy duty applications including trucking, construction, mining, agriculture, forestry and marine.



Specifications

CI-4 SYNTHETIC meets or exceeds the requirements of the following specifications :

API CI-4, SL, ACEA E7, A3/B4, MB 228.3, MB 229.1, MAN 3275, VOLVO VDS-3, MTU 2.0, MACK EO-M PLUS, CUMMINS CES 20076, 20077, 20078, CATERPILLAR ECF-1-A, DETROIT DIESEL DDC 93K215.

Features & Benefits -

HIGH PERFORMANCE : Stay-in-grade shear stability helps to maintain oil viscosity in high temperature which leads to maintain engine performance. Excellent thermal and oxidation stability helps to reduce sludge build-up, which keeps engine clean and powerful.

- **LONG ENGINE LIFE :** Excellent anti-wear and anti-scuff properties extends engine life. Excellent low temperature performance allows oil flow to critical bearing surface at start-up and controls low temperature sludge formation in stop-and-go service.
- **LONG OIL LIFE :** Excellent oxidation stability prevents oil breakdown and maintains oil viscosity, which helps to reduce oil aging and to extend oil change intervals. Stay-in-grade shear stability protects engine parts at high operating temperatures and reduces oil consumption
- .

Applications

- Turbo-charged and Naturally Aspired Diesel Engines
- Specially Recommended for the latest high performance diesel engines with Exhaust Gas Recirculation (EGR)
- Off-highway Equipments including Construction, Mining, Agriculture and Forestry
- Light Truck / SUV / Passenger Car with Diesel Engines • All Vehicles / Equipments with Diesel Engines

Typical Properties

	10W-30	10W-40	15W-40
API	CI-4, SL	CI-4, SL	CI-4, SL
ACEA	E7, A3/B4	E7, A3/B4	E7, A3/B4
Viscosity @100°C, cSt	10.6	14.9	14.5
Viscosity @40°C, cSt	65.9	101	103.9
Viscosity Index	150	154	144
Flash Point (°C)	232	234	228
Pour Point (°C)	- 35	- 35	- 39
Density @15°C	0.865	0.860	0.825

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DIESEL SILVER D400 CF-4 High Performance Heavy Duty Diesel Engine Oil

DIESEL SILVER D 400 CF-4 is a high performance heavy duty diesel engine oil, formulated to provide outstanding performance and protection for a wide range of diesel engines. DIESEL SILVER D400 CF-4 is recommended for use in a wide range of heavy duty applications including trucking, construction, mining, agriculture, forestry and marine. It provides outstanding performance and protection for the most demanding diesel engines.



Specifications

CF-4 meets or exceeds the requirements of the following specifications :

API CF-4, SG

Features & Benefits

- **HIGH PERFORMANCE** : Stay-in-grade shear stability helps to maintain oil viscosity in high temperature which leads to maintain engine performance. Excellent thermal and oxidation stability helps to reduce sludge build-up, which keeps engine clean and powerful.
- **LONG ENGINE LIFE** : Excellent anti-wear and snit-scuff properties extends engine life. Excellent low temperature performance allows oil flow to critical bearing surface at start-up and controls low temperature sludge formation in stop-and-go service.
- **LONG OIL LIFE** : Excellent oxidation stability prevents oil breakdown and maintains oil viscosity, which helps to reduce oil aging and to extend oil change intervals. Stay-in-grade shear stability protects engine parts at high operating temperatures and reduces oil consumption

Applications

- Turbo-charged and Naturally Aspired Diesel Engines
- Off-highway Equipments including Construction, Mining, Agriculture and Forestry
- Light Truck / SUV / Passenger Car with Diesel Engines
- All Vehicles / Equipments with Diesel Engines

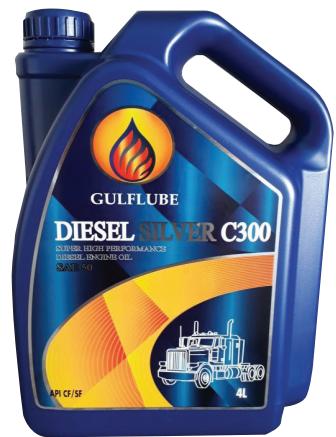
Typical Properties

	10W-40	15W-40	15W-50	20W-50
API	CF-4, SG	CF-4, SG	CF-4, SG	CF-4, SG
Viscosity @100°C, cSt	14.9	14.9	19.1	19.1
Viscosity @40°C, cSt	108	109	153	153
Viscosity Index	143	142	142	142
Flash Point (°C)	238	238	252	252
Pour Point (°C)	- 35	- 32.5	- 30	- 30
Density @15°C	0.860	0.865	0.881	0.881

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DIESEL SILVER C300 CF High MONO GRADE Diesel Engine Oil

DIESEL SILVER C 300 CF is mono grade diesel engine oil, formulated to provide outstanding performance and protection for a wide range of diesel engines. CF is recommended for use in a wide range of heavy duty applications including trucking, construction, mining, agriculture, forestry and marine. It provides outstanding performance and protection for the most demanding diesel engines.



Specifications

CF-4 meets or exceeds the requirements of the following specifications :

API CF, SF

Features & Benefits

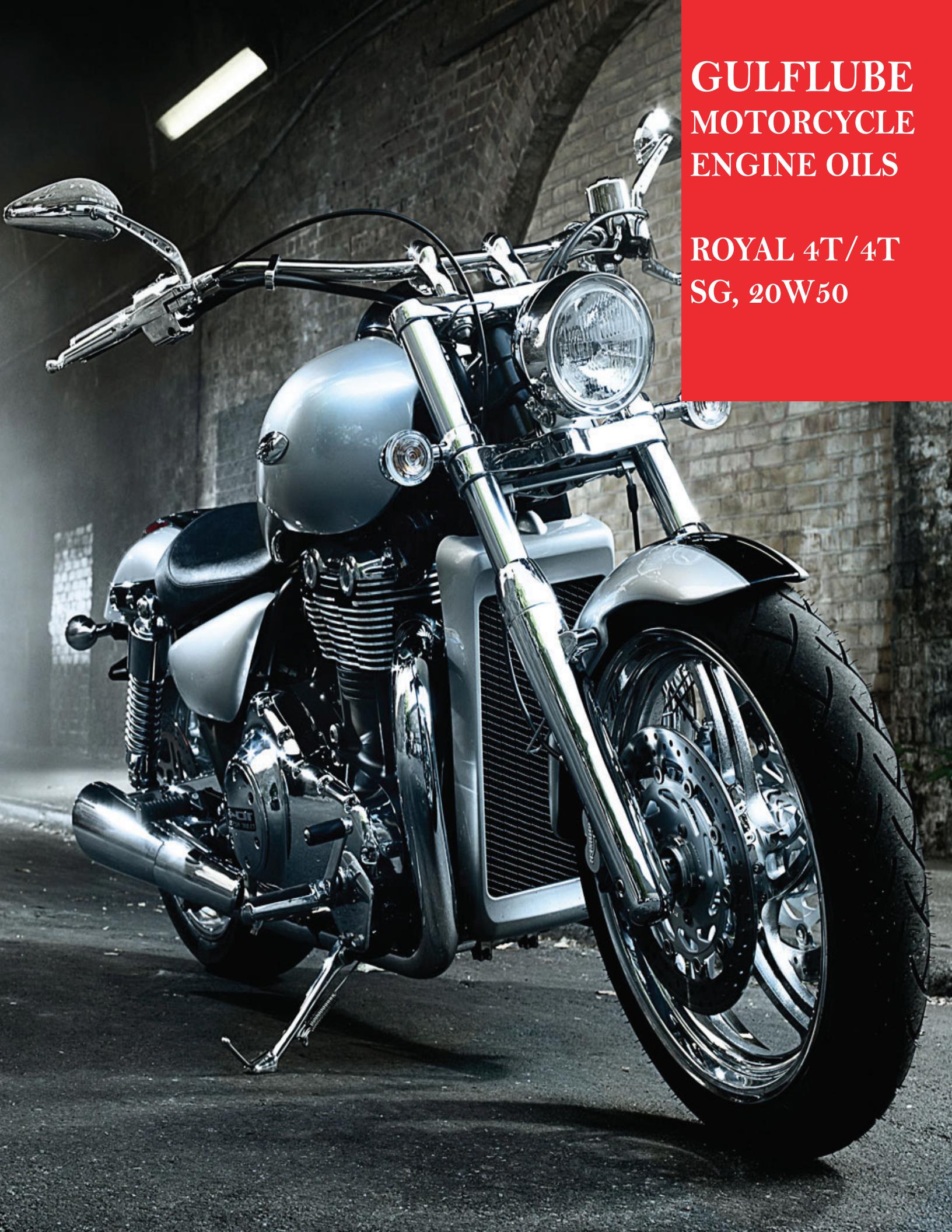
- **HIGH PERFORMANCE** : Stay-in-grade shear stability helps to maintain oil viscosity in high temperature which leads to maintain engine performance. Excellent thermal and oxidation stability helps to reduce sludge build-up, which keeps engine clean and powerful.
- **LONG ENGINE LIFE** : Excellent anti-wear and snit-scuff properties extends engine life. Excellent low temperature performance allows oil flow to critical bearing surface at start-up and controls low temperature sludge formation in stop-and-go service.
- **LONG OIL LIFE** : Excellent oxidation stability prevents oil breakdown and maintains oil viscosity, which helps to reduce oil aging and to extend oil change intervals. Stay-in-grade shear stability protects engine parts at high operating temperatures and reduces oil consumption

Applications

- Turbo-charged and Naturally Aspired Diesel Engines
- Off-highway Equipments including Construction, Mining, Agriculture and Forestry
- Light Truck / SUV / Passenger Car with Diesel Engines
- All Vehicles / Equipments with Diesel Engines

Typical Properties

SAE	50
API	CF/SF
Viscosity @100°C, cSt	14.9
Viscosity @40°C, cSt	108
Viscosity Index	148
Flash Point (°C)	238
Pour Point (°C)	- 21
Density @15°C	0.860

A black and chrome chopper-style motorcycle is parked in a brick-walled tunnel. The motorcycle features a large front wheel with a multi-spoke chrome rim, a prominent front fender, and a large, polished chrome engine. It has a long, low-slung frame, a wide handlebar with mirrors, and a single round headlight mounted on the front fork. The background shows the textured brick walls of the tunnel.

GULFLUBE
MOTORCYCLE
ENGINE OILS

**ROYAL 4T/4T
SG, 20W50**

GULFLUBE

ROYAL 4T/4T High QUALITY MOTORCYCLE Engine Oil

ROTAL 4T/ 4T is a high quality 4-stroke gasoline engine oil developed specifically to meet the special requirements of air cooled 4-stroke motorcycles. It is blended from highly refined base oils and performance additives to provide protection to engine, gear box and wet clutch used in 4-stroke motorcycles. The product exceeds the international specifications of API SG and JASO MA for 4-stroke motorcycle oils and the requirements of leading global 4-stroke motorcycle manufacturers. It is available in five different viscometrics, viz SAE 10W-40, SAE 15W-40, SAE 15W-50, SAE 20W-40 and SAE 20W-50.



Features & Benefits

Excellent antiwear properties protect vital engine and gear components leading to reduced maintenance costs

Good thermo-oxidative stability prevents harmful deposit formation and controls oil thickening facilitating extended engine and oil life

Controlled frictional properties eliminate clutch slippage and improves drivability

Better detergency/ dispersancy keeps engine cleaner and reduces maintenance costs

Effective rust and corrosion inhibition property ensures longer life of critical engine components

Applications

Recommended for air cooled 4-stroke motorcycle engines where an API SG and JASO MA quality oil is required

Also suitable for small 4-stroke gasoline engines used in portable generators, pumps, garden machinery and other applications

Typical Properties

Test Parameters	10W-40	15W-40	15W-50	20W-40	20W-50
Typical Values					
Viscosity @ 100 °C, cSt	14.6	14.2	18.3	14.4	18.98
Viscosity Index	160	137	147	119	128
Flash Point, °C	234	232	236	254	238
Pour Point, °C	-33	-24	-24	-24	-24
TBN, mg KOH/g	7.1	7.1	7.1	7.1	7.1
Density @ 15°C, Kg/l	0.877	0.871	0.869	0.895	0.875

A close-up, black and white photograph of several interlocking metal gears. The gears have a prominent, sharp-toothed profile. The lighting highlights the metallic texture and the way the light reflects off the surfaces of the teeth.

GULFLUBE
ATF AND GEAR
LUBRICANTS

**ATF DEX 111 H
SYNTHETIC**

**CVTF MULTI
SYNTHETIC**

**GEAR MP
SYNTHETIC**

GULFLUBE

ATF TYPE DEXRON-IIIH SYNTHETIC Automatic Transmission Fluid

ATF TYPE DEXRON-IIIH SYNTHETIC is a synthetic automatic transmission fluid, specially formulated to provide optimum performance and protection for the automatic transmissions requiring GM DEXRON-III and FORD MERCON.



Specifications

ATF TYPE DEXRON-IIIH SYNTHETIC meets or exceeds the requirements of the following specifications :

GM DEXRON-IIIH, IIIG, III, IIE, IID, II, DEXRON

Features & Benefits

- **HIGH PERFORMANCE** : Excellent thermal and oxidation stability keeps transmission clean to help provide outstanding performance even under severe driving conditions. Excellent frictional properties help to improve transmission efficiency and smooth shifting performance.
- **HIGH PROTECTION** : Excellent low-temperature fluidity helps to provide immediate protection at starting in cold weather.
- **LONG TRANSMISSION LIFE** : Excellent frictional properties help to extend transmission life. Outstanding anti-wear properties helps to reduce wear which leads to extend transmission life.
- **LONG FLUID LIFE** : Excellent shear stability helps to keep viscosity even under severe heavy duty and high temperature operating conditions.

Applications

Following systems requiring Dexron-IIIH, IIIG, III, IIE, IID, II or Dexron :

- Automatic Transmission
- Power Steering System, Industrial Hydraulic System and Air Compressor

Typical Properties

ATF TYPE DEXRON-IIIH SYNTHETIC

Viscosity @100°C, cSt	7.7
Viscosity @40°C, cSt	47.9
Viscosity @212°F/100°C	8.52
Viscosity Index	156
Flash Point (°C)	216
Pour Point (°C)	- 42
Density @15°C	0.852
Color	RED

GULFLUBE

CVTF MULTI SYNTHETIC Automatic Transmission Fluid

Long life, synthetic lubricant for the latest CVT automatic transmissions, both chain-belt and push-belt, mainly recommended for Asian vehicles.

Properties

- Its thoroughly-studied formula improves the sense of comfort whilst driving, reducing vibrations and helping the transmission to work more smoothly and at a higher torque transmission capacity. • A longer-lasting transmission is ensured thanks to an ideal balance between metal-to-metal friction and a high level of anti-wear protection.
- Tested in vehicles equivalent to 100 000 km driving.
- High resistance to oxidation, making it a long-lasting oil.
- Excellent performance at low temperatures.



Quality levels

- Toyota CVTF TC/CVTF FE
- Nissan NS-1/NS-2/NS-3
- Honda HMMF/HCF2
- Mitsubishi SP-III/CVTF-J1
- Subaru ECVT/ICVT
- Daihatsu Ammix CVT
- Suzuki CVTF/NS-2CVT Green 1
- Hyundai SP-III • Chrysler Jeep NS-2
- Mini Cooper EZL799 • VW G 052 516

Typcal Properties

	UNIT	METHOD	VALUE
Colour			Red
Density at 29.5 °C	g/mL	ASTM D 4052	0.850
Viscosity at 100 °C	cSt	ASTM D 445	7.86
Viscosity at 40 °C	cSt	ASTM D 445	42.04
Viscosity index	-	ASTM D 2270	160
Flash point, open cup °C		ASTM D 92	218
Pour point °C		ASTM D 97	-45

GULFLUBE

GEAR MP SYNTHETIC GEAR LUBRICANTS

GL-5 SYNTHETIC Synthetic Automotive Gear Lubricant

GL-5 SYNTHETIC is a synthetic automotive gear lubricant, formulated to meet the highest level performance requirements of many modern passenger vehicles in all types of operating conditions.



Specifications

GL-5 SYNTHETIC meets or exceeds the requirements of the following specifications :

API GL-5, ZF TE-ML 07A

Features & Benefits

- **HIGH PERFORMANCE** : Optimized friction properties provide smooth gear shifting. Excellent thermal, oxidation stability keeps transmission clean to help provide outstanding performance even under severe driving conditions.
- **HIGH PROTECTION** : Excellent low-temperature fluidity helps to provide immediate protection at starting in cold weather.
- **LONG GEAR LIFE** : Excellent wear protection helps to extend gear life. Outstanding rust and corrosion protection of copper help to extend gear life. Optimized friction properties help to extend gear life. Excellent thermal, oxidation and shear stability help to extend gear life.
- **LONG OIL LIFE** : Excellent oxidation and thermal stability helps to extend oil life. Outstanding shear stability helps to keep viscosity even under severe conditions.
- **SAVE FUEL** : Optimized friction properties help to consume less fuel. Excellent low temperature fluidity helps to consume less fuel.

Applications • All vehicle's manual transmissions and rear axles requiring API GL-5

Typcal Properties

Test Parameters	85W-90	85W-140
API	GL-5	GL-5
Viscosity @40°C	152.20	249.6
Viscosity @ 100 °C, cSt	17.86	26.85
Viscosity Index	128	140
Flash Point, °C	244	246
Pour Point, °C	-30	-27
Density @ 15°C, Kg/l	0.863	0.864

GULFLUBE
INDUSTRIAL
LUBRICANTS

HYDRAULIC
AW 68



GULFLUBE

HYDRALIC AW High Performance Anti-wear Hydraulic Oil

HYDRALIC AW is a high performance anti-wear hydraulic oil, formulated to provide excellent performance and protection for both high and low pressure, industrial and mobile equipment hydraulic systems. It has excellent anti-wear properties and oxidation and thermal stability which provides long equipment and oil life reducing both maintenance and product disposal cost. It is designed to work with systems operating under severe conditions requiring high level of anti-wear protection, but it also can be used to work where general non-anti-wear hydraulic oils are recommended.



Specifications

HYDRALIC AW meets or exceeds the requirements of the following specifications :

Parker Denison HF-0, Eaton Brochure 03-401-2010, DIN 51524 PART 1, 2, 3, GM LS-2, Fives Cincinnati P-68, JCMAS HK, U.S. Steel 127, U.S. Steel 136, ISO 11158, SAE MS1004, Chinese Standard GB 11118.1

Features & Benefits -

HIGH PERFORMANCE : Excellent anti-wear properties and outstanding film strength characteristics result in exceptional equipment performance. Outstanding air and water separation characteristics helps to enhance system performance.

- **HIGH PROTECTION :** Excellent anti-wear properties and outstanding film strength characteristics provides higher level of system protection. Outstanding air and water separation characteristics helps to protect system.
- **LONG SYSTEM LIFE :** Excellent oxidation stability helps to extend system life. Excellent anti-wear properties helps to extend system life. Outstanding rust and corrosion protection help to extend system life.
- **LONG OIL & FILTER LIFE :** Excellent oxidation stability helps to extend oil and filter life.

Applications

- All hydraulic systems
- Specially recommended for the systems with heavy load and high wear
- Enclosed gears operating under moderate load • Industrial circulating systems requiring rust and oxidation Inhibitor or anti-wear oil

Typical Properties

HYDRALIC AW	32	46	68	100	150
ISO	32	46	68	100	150
Viscosity @100°C, cSt	5.55	7.15	9	11.8	15.6
Viscosity @40°C, cSt	32	46	63.9	100	150
Viscosity Index	111	115	115	107	107
Flash Point (°C)	222	230	238	246	260
Pour Point (°C)	- 35	- 35	- 42	- 27.5	- 25
Density @15°C	0.860	0.865	0.865	0.878	0.882



GULFLUBE

GULF LUBRICANTS (PVT) LTD

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