

## PRODUCT TECHNICAL DATA SHEET

# QORM SILVER SAE 40 API CF

Super Heavy Duty Diesel Engine Oil

### PRODUCT DESCRIPTION

**QORM SILVER SAE 40 API CF** is a range of monograde engine oils developed for the lubrication of heavy goods vehicles used in general transport, earthmoving, quarrying and construction equipment as well as medium speed trunk piston engines burning distillate fuels with Sulphur content up to 1.0%. It is designed specifically for use in naturally aspirated and light turbocharged diesel engines. They are formulated to have excellent resistance to oxidation and viscosity increase over a long period of service.

### APPLICATIONS

- ★ Heavy goods vehicles in general transport
- ★ Construction and heavy earthmoving equipment
- ★ Medium-speed trunk piston engines including latest design in stationary power generation
- ★ Medium-speed trunk piston engines (marine service)
- ★ Certain crosshead type engines (where recommended by the manufacturer using SAE 50 grade). Particularly suitable as a system oil (SAE 40) where a higher than normal alkalinity reserve is required.
- ★ The SAE 50 grade can be used in certain gear applications
- ★ The SAE 10W grade can be used for certain hydraulic system where OEM requires engine oil with an appropriate grade for these applications
- ★ Engine oils used in mobile air compressors
- ★ Light trucks with diesel or gasoline engines
- ★ Older model passenger cars
- ★ Certain transmissions requirements for earthmoving equipment

### PERFORMANCE STANDARDS

**QORM SILVER SAE 40 API CF** meets and exceeds the following International specifications:

API	CF/ SF/ CF- 2
CCMC	D2
Caterpillar	TO-2
Military Specifications	MIL-L-2104C

*Always follow equipment manufacturer's recommendations for required lubricant performance levels and oil drain intervals.*

### DOCUMENT INFORMATION

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## BENEFITS

### QORM SILVER SAE 40 API CF provides:

- ★ An economical product with good all round performance
- ★ Suitability for use in light turbocharges engines
- ★ Excellent resistance to oxidation
- ★ Good engine cleanliness with special detergent/dispersant properties
- ★ Good resistance to corrosion

## TECHNICAL DATA\*

SAE Grade	10W	30	40	50
Kinematic Viscosity:				
mm <sup>2</sup> /s @ 40 °C	31.94	105.7	156	252
mm <sup>2</sup> /s @100 °C	5.48	11.98	15.48	21.48
Viscosity Index	107	100	100	100
Flash Point COC, °C	218	242	248	264
Pour Point, °C	-18	-15	-15	-15
BN No. ASTM D2896	11	11	11	11
Sulphated Ash % m	1.45	1.45	1.45	1.45

\*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible.

## HEALTH & SAFETY, ENVIRONMENT

The information on this product is available in the WOQOD Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

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