

## PRODUCT TECHNICAL DATA SHEET

# QORM PLATINUM SUPER SAE 15W40 API CI4

Super Heavy Duty Diesel Engine Oil

## PRODUCT DESCRIPTION

**QORM PLATINUM SUPER SAE 15W40 API CI4** is a super high performance long drain diesel engine oil meeting the latest **API CI4** standard available in a shear stable viscosity grade. This lubricant has been developed as a long life oil meeting Mercedes Benz 228.3 and Volvo VDS-3 long oil drain specifications. **QORM PLATINUM SUPER SAE 15W40 API CI4** offers the excellent performance for fleet operators wanting long engine life in modern long haul diesel trucks operating with low emission engine standards meeting Euro 4 and for extended drain periods. The product is manufactured with mineral base API approved base oils and imparted with chemical additives qualifying **API CI4/SL**.

## APPLICATIONS

- ★ Mixed fleets of automotive diesel truck manufacturers
- ★ Modern low emission high performance automotive diesel engines - Euro 4
- ★ All vehicle makes used in long distance transport with extended oil drain capabilities
- ★ Heavy duty Mobile Plant vehicles
- ★ Diesel generator sets

## PERFORMANCE STANDARDS

**QORM PLATINUM SUPER SAE 15W40 API CI4** meets and exceeds the following OEM and International specifications:

API	CI4/SL
ACEA	E5-02, E7-04
Mercedes Benz	228.3
Volvo	VDS-3
MACK	EO-N
MTU	Type 2
Renault	VI RLD/RLD-2
Cummins	20076/20077 and 20078
MAN	M 3275-1
Caterpillar	ECF 1 & ECF- 2

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

## DOCUMENT INFORMATION

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## BENEFITS

### QORM PLATINUM SUPER SAE 15W40 API CI4 provides:

- ★ Excellent engine cleanliness through advanced soot handling technology
- ★ Mixed fleet capabilities
- ★ Exceptional low engine wear
- ★ Trouble free operation between long drain service intervals

## TECHNICAL DATA\*

SAE Grade	15W40	20W50
Kinematic Viscosity: mm <sup>2</sup> /s @ 40 °C	106.2	190.1
mm <sup>2</sup> /s @100 °C	14.75	21.29
Viscosity Index	144	132
Flash Point COC, °C	224	238
Pour Point, °C	-30	-27
BN No. ASTM D2896	11	11
Sulphated Ash % m	1.66	1.6

\*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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