

PRODUCT TECHNICAL DATA SHEET

QORM GOLD SAE 15W40 API CF4

Super Heavy Duty Diesel Engine Oil

PRODUCT DESCRIPTION

QORM GOLD SAE 15W40 API CF4 is a high performance multi-grade engine oil for use in heavy duty diesel engines. It is available in **SAE 15W40, 20W50** viscosity grade and has been developed as an API service classification **CF4** oil for mixed fleet operations where European, U.S. and Japanese heavy and light duty trucks are used. The total base number (TBN) of 11 provides a high alkalinity reserve necessary to give excellent engine protection for long engine life.

APPLICATIONS

- ★ High speed diesel engines in offshore marine service (e.g. ferries, fishing boats, etc...)
- ★ Heavy earth moving equipment used in the construction industry
- ★ Long distance coach operations
- ★ Mixed fleets of diesel engines
- ★ Agricultural tractors
- ★ Stationary power generation units using high speed diesel engines
- ★ Extended oil drain capabilities

PERFORMANCE STANDARDS

QORM GOLD SAE 15W40 API CF 4 meets and exceeds the following OEM and International specifications:

API	CF4
ACEA	E2-96/4
JASO	DH-1
U.S. Military	MIL-L-2104F
Mercedes-Benz	228.1
Volvo	VDS
MACK	EO-K/2
MAN	270

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

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Last Update	24.03.2016	Page No.	1 of 2



BENEFITS

QORM GOLD SAE 15W40 API CF4 provides:

- ★ Extended oil drain intervals
- ★ Excellent control of oxidation and oil thickening
- ★ Minimal engine deposits
- ★ Reduces fleet maintenance costs
- ★ Neutralization of corrosive acids
- ★ Preserves full power and performance

TECHNICAL DATA*

SAE Grade	15W40	20W50
Kinematic Viscosity:		
mm ² /s @ 40 °C	114.9	192.2
mm ² /s @100 °C	15.6	21.58
Viscosity Index	143	134
Flash Point COC, °C	228	238
Pour Point, °C	-30	-27
BN No. ASTM D2896	11	11
Sulphated Ash % m	1.52	1.52

*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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Last Update	24.03.2016	Page No.	2 of 2