

## **QATOL SUPER POWER S DIESEL ENGINE OIL SAE 10W40**

### **API CI-4/SL, SCANIA LDF 3**



QATOL SUPER POWER S DIESEL ENGINE OIL SAE 10W40 is extra high-performance Heavy-Duty Diesel Engine Oil specially developed for use in modern, low emission diesel engines, including those fitted with Exhaust Gas Re-Circulation (EGR) systems.

QATOL SUPER POWER S DIESEL ENGINE OIL SAE 10W40 is a super-long term all-season engine oil of the SHPD category for diesel and gasoline engines with and without turbo-charging in passenger cars, trucks, buses and industrial equipment that have high requirements with respect to engine cleanliness and maintenance intervals.

#### **APPLICATION:**

- Mixed fleets of diesel engines (high speed, four-stroke, turbocharged or naturally aspirated)
- Four-stroke gasoline engines in mixed fleets of diesel and gasoline engines
- Commercial road transport
- Off-highway vehicles and plant
- Agricultural tractors and farm machinery
- High speed diesel engines in marine service (e.g., fishing boat, river transport)
- Generator sets
- Mobile hydraulic systems (where oil type and viscosity are appropriate)

#### **KEY BENEFITS:**

- Prolongs engine life— High efficiency dispersant combination plus proven metallo-organic anti-wear additive system provides excellent protection against wear of critically loaded components under all operating conditions. Multi grade viscosity provides additional protection against wear at start-up and under high temperature operating conditions.
- Preserves full power and performance— Outstanding metallic detergent additive system preserves full power and performance by providing excellent upper-ring-belt deposit control under the high temperatures encountered in turbo charged diesel engines.
- Extends oil and filter service intervals— Highly effective antioxidant system inhibits the formation of sludge forming materials which can lead to premature oil thickening and filter plugging. Very effective dispersant system further assists by keeping insoluble contaminants finely suspended in the oil, minimizing their ability to block oil filters.
- Excellent wear protection even under high continuous stress
- Protection from corrosion even when used with diesel fuels with high sulfur content
- Sludge and adhesions are securely prevented by QATOL SUPER POWER S DIESEL ENGINE OIL SAE 10W40 both with extraordinarily high thermal loads as well as in stop and- go driving

## SPECIFICATIONS:

ACEA E7, API CI-4 / SL, Scania LDF 3

QATOL SUPER POWER S DIESEL ENGINE OIL SAE 10W40 API CI-4/SL meets and exceeds the following industry and OEM Specifications:

- GLOBAL DHD-1 - CAT ECF-1-a/ECF-2 - CUMMINS CES 20076/7/8 -DEUTZ DQC III-10 -MAN M 3275-1 - MB-APPROVAL 228.3 - MTU DDC TYPE-2 - RENAULT RLD / RLD-2 -VOLVO VDS-3 - MACK EO-N DETROIT DIESEL 93K215
- ALLISON C-4 - CAT TO-2 - CASE MS 1121 - IVECO 18-1804 CLASSE T2 E7 - CUMMINS CES 20071/2, NH 330 H

## KEY PROPERTIES:

PROPERTIES	TEST METHOD	TYPICAL VALUES	UNIT
Density @ 35 °C	ASTM D 4052	0.887	g/ml
Kinematic Viscosity @ 40 °C	ASTM D 445	105	mm <sup>2</sup> /s
Kinematic Viscosity @ 100 °C	ASTM D 445	15	mm <sup>2</sup> /s
Viscosity Index	ASTM D 2270	135	-
TBN	ASTM D 2896	13.8	mg KOH/g
Flash Point, CoC	ASTM D 92	230	°C
Pour Point	ASTM D 97	-30	°C
Dynamic Viscosity @ - 20 °C	ASTM D 5293	<7000	cP

## HAZARDS

This oil used as recommended and for the application for which it has been designed does not present any particular health & environmental risk. Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point.

For further Information on Safety Guidelines please refer to Material Safety Data Sheet.

## PACKING

Available Packages: 1000L,208L,60L,20L, 4L, 5L