



ENEOS GRAND 10W-40

Multi-Functional Heavy Duty Diesel Engine Oil

ENEOS GRAND 10W-40 is a multi-functional Heavy Duty Diesel Engine Oil with exclusive formulation developed to offer all-around effective protection for the modern as well as older engines, serving as ideal mixed-fleet oil for European, American and Japanese diesel & gasoline engines. It provides excellent protection against deposits in pipes and turbo engine, and improved protection against camshaft wear. Enhanced with synthetic technology base oils, resulting in energy saving - fuel economy performance. Prepared with special additive packages with a view to keep the engine performance at maximum for longer periods of time, it is a long life, enhanced performance diesel engine oil that enables vehicles to cover longer distances and reduces the oil cost thanks to its long oil replacement interval. Engineered to maintain its performance under the most challenging road and climate conditions.

SPECIAL FEATURES

- **Outstanding Protection**

The oil delivers excellent wear protection and long oil life in Euro 2 and Euro 3, US 2002 and other advanced heavy-duty engines. It protects the engine from possible deposits such as soot, mud etc. and minimizes the wear thanks to its superior protection characteristics.

- **Improved Engine cleanliness**

Exclusive oil formulation to deliver improved engine cleanliness and protection against combustion deposits (on piston crown, top piston ring groove and rest of the piston) for new and older engines.

Meet severe demands of most OEMs.

- **Fuel economy**

ENEOS GRAND 10W-40 offers considerable savings in fuel consumption, (compared to SAE 15W-40), without compromising on engine protection or increasing oil consumption.

APPLICATIONS

ENEOS GRAND 10W-40 demonstrated protection & performance in high-speed

heavy duty diesel engines from European, American and Japanese manufacturers in both on-highway and off-highway applications. Suitable for low emission engines meeting the emission standards as Euro 2, Euro 3 and US 2002. For latest low emissions engines, especially those fitted with exhaust diesel particulate traps (DPF), we recommend the use of ENEOS GRAND-LA 10W-40 and ENEOS GRAND-LX 5W-30.

RECOMMENDATIONS & SPECIFICATIONS

- API CI-4/SL
- ACEA E7-16, ACEA E7-22
- Daimler Truck DTRF 15B110 (MB 228.3)
- MAN Truck & Bus M3275
- Volvo VDS-3
- MTU Type 2
- Renault Trucks RLD, RLD-2
- Mack EO-N, EO-M Plus
- Cummins CES 20076/77/78
- Caterpillar ECF-2, ECF-1-a
- Global DHD-1
- Deutz DQC III-18
- Detroit Diesel DDC 93K215

PACK SIZES

20 Litres Pail, 208 Litres Drum, 1000 Litres IBC

TYPICAL PROPERTIES

SAE viscosity grade	10W-40
Density (20°C), g/cm ³	0.867
Flash point (COC), °C	228
Kinematic viscosity	
(40°C), mm ² /s	96.7
(100°C), mm ² /s	14.45
Viscosity at HTHS, mPas (cP)	4.0
Viscosity index	154
Pour point, °C	-45.0
TAN, mgKOH/100g	2.7
TBN, mgKOH/100g	10.1
Sulphated Ash, % w/w	1.4

Note: The typical properties may be changed without notice. (November 2024)

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