



## ENEOS Premium HDD 10W40 Synthetic Heavy Duty Diesel Engine Oil (Fuel Economy)

A multi-functional Motor oil with exclusive formulation to offer all-around protection for the modern and old 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

### APPLICATIONS

- Multi-fleet Heavy duty Diesel Engine Oil Performance

Demonstrated protection & performance in high-speed heavy duty diesel engines from Europe, American and Japanese manufacturers in both on-highway and off-highway applications

- High Technology low emission engines

Suitable for modern low emission engines meeting the emission standards as Euro II, Euro III and US 2002

For latest low emissions engines, especially those fitted with exhaust diesel particulate traps (DPF), we recommend the use of ENEOS Premium Hyper HDLA 10W40

### FEATURES & BENEFITS

- Outstanding Protection  
The oil delivers excellent wear protection and long oil life in Euro 3, US 2002 and other advanced engines.
- 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 old engines.

Exceeds severe demands of most OEMs.

- Fuel economy

Considerable savings in fuel consumption, (compared to SAE 15W40), without compromising on engine protection or increasing oil consumption.

### SPECIFICATIONS & APPROVALS

- API CI-4 / SL
- ACEA: E7-08, A3/B3/B4-08
- JASO DH-1
- Global DHD-1
- MB 228.3, MB 229.1
- MAN M3275
- Volvo VDS-3
- MTU Type 2
- Renault Trucks RLD-2
- Mack EO-M+
- Cummins CES 20077/78

### PACK SIZES

- 20 Litres Pail
- 200 Litres Drum

## TYPICAL PROPERTIES

SAE Viscosity grade			10W-40
<b>Kinematic Viscosity</b>	at 40°C	mm <sup>2</sup> /s	ASTM D 445
	at 100°C	mm <sup>2</sup> /s	99.1 14.9
<b>Dyn. Viscosity</b>	at -25°C	mPa*s	ASTM D 5293
<b>Density at 15°C</b>		kg/m <sup>3</sup>	ASTM D 4052
<b>Flash Point COC</b>		°C	ASTM D92
<b>Pour Point</b>		°C	ASTM D97
<b>TBN</b>		mg KOH/g	ASTM D2896
<b>Sulphated Ash</b>		%	ISO 3987

Note: The typical properties may be changed without notice. (May 2011)