



# eni i-Sigma universal DL 15W-40

**eni i-Sigma universal DL 15W-40** is a multigrade oil suitable for the lubrication of all kinds of diesel engines including supercharged models installed in cars, trucks, buses, earthmoving and pit-and-quarry equipment, as well as fixed plant such as generating sets, etc. It may also be used in gasoline engines.

## CHARACTERISTICS (TYPICAL FIGURES)

### eni i-Sigma universal DL 15W-40

SAE Grade		15W-40
Density at 15°C	kg/m <sup>3</sup>	880
Viscosity at 40°C	mm <sup>2</sup> /s	115
Viscosity at 100°C	mm <sup>2</sup> /s	14.5
Viscosity at -20 °C	mPa·s	6800
Viscosity Index	-	140
Flash Point COC	°C	220
Pour Point	°C	-27

## PROPERTIES AND PERFORMANCE

- The multigrade characteristics of **eni i-Sigma universal DL 15W-40** make it perfectly suitable for all types of diesel engines operating under a wide range of temperature conditions. Seasonal oil changes are thus avoided and trucks can travel from one geographical and climatic zone to another. There are no cold starting problems with **eni i-Sigma universal DL 15W-40** despite its high "hot" viscosity.
- The detergent-dispersant properties of **eni i-Sigma universal DL 15W-40**, together with its high capacity to neutralize combustion acids, place this product at high quality level. It keeps pistons clean and maintains solid products of combustion in suspension until the next oil change, thereby preventing the formation of dangerous deposits in the sump.
- These properties are ensured by a special combination of low-ash additives, fully meeting the standards issued by all manufacturers of four-stroke diesel engines.
- It possesses very good antioxidant properties which prevent deterioration that could alter the viscosity of the oil. Its superior antirust properties ensure effective protection of all parts of the engine. Its anti-wear properties remain fully effective throughout the period of service thus keeping the engine in the best possible condition.



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## SPECIFICATIONS

**eni i-Sigma universal DL 15W-40** is officially approved or meets the requirements of the following services and specifications:

- API Service CF-4/SG
- ACEA E2, B2
- Mercedes Benz 228.1
- MAN 271
- VW 505.00
- Allison C-4
- U.S. Dept. Of the Army MIL-L-2104E
- U.S. Dept. Of the Army MIL-L-46152C