

# Eni i-Sigma performance E7 15W-40



## APPLICATIONS

**Eni i-Sigma performance E7 15W-40** is an engine lubricant formulated with high quality base oils, developed for turbocharged diesel engines operating even under severe duty.

The product can also be used in diesel engines of previous generation and in engines of commercial vehicles on urban and long-distance service.

## CUSTOMER ADVANTAGES

- The superior quality of the base stocks and additives used in **Eni i-Sigma performance E7 15W-40** allow the longest oil-drain intervals in accordance with requirements prescribed by manufacturers.
- Its detergent and dispersant properties are confirmed by the compliance with the severe requirements of ACEA E5, E7 and API CI-4/CH-4 specifications, guarantee pistons cleanliness and counteract the solid combustion products, keeping the engine clean.
- Its antioxidant, antirust and antiwear properties are designed for heavy-duty service and ensure very long oil-drain intervals. Furthermore, it inhibits effectively oxidation phenomena, thus preventing viscosity variations and limiting wear of engine components.

## SPECIFICATIONS

- ACEA E7, E5, E3, B3
- API CI-4/CH-4/SL
- Caterpillar ECF-1a, ECF-2
- MAN M 3275-1
- Deutz DQC III-10 (Approved)
- MACK EO-N (Approved)
- MB-Approval 228.3
- MTU type 2 (Approved)
- Renault VI RLD-2 (Approved)
- Volvo VDS-3 (Approved)



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## CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	877
Viscosity at 100°C	ASTM D 445	mm <sup>2</sup> /s	14.5
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	103
Viscosity Index	ASTM D 2270	-	146
Viscosity at -20°C	ASTM D 5293	mPa·s	6800
Pour point	ASTM D 5950	°C	-27
Flash point COC	ASTM D 92	°C	220
B. N.	ASTM D 2896	mg KOH/g	9.1



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