Eni i-Sigma pro extra 10W-40

APPLICATIONS

Eni i-Sigma pro extra 10W-40 is a synthetic technology lubricant, formulated with advanced additive technology, that integrates the innovation of the new formulation technologies with the knowledge acquired from Eni research in the lubricants field, through a long and consolidated experience. It is high performance engine oil formulated for the new generation diesel engines of vehicles equipped with exhaust gas post treatment devices.

CUSTOMER ADVANTAGES

- Eni i-Sigma pro extra 10W-40 is a high performance lubricant suitable to meet the severe conditions required by the heavy-duty engines that equip trucks and buses. It is the result of a balanced base oils formulation and latest "low SAPS" (Sulphated Ash, Phosphorus, Sulfur) additive technology.
- The product has demonstrated excellent anti-wear properties, in particular minimizing wear on the cylinder liner (bore polishing) and piston rings. All metallic surfaces are effectively protected against wear and corrosion, by ensuring and maintaining the maximum engine efficiency for the entire oil drain interval.
- The product offer high protection in all operating conditions, another distinctive element, is ability to maintain its properties unaltered throughout the time of use; in particular, its resist the deterioration caused to oxidation phenomena.
- The peculiar formulation gives the product excellent good detergent and dispersant characteristics, useful to minimize formation of lacquer, varnish, sludge and other engine deposits.

SPECIFICATIONS

- ACEA E6
- ACEA E9
- API CK-4, CJ-4
- Caterpillar ECF-3
- Cummins CES 20086
- Detroit Diesel 93K222
- JASO DH-2

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- MACK EO-S-4.5
- MAN M 3477
- MB 228.51
- Renault RVI RLD-4
- Volvo VDS-4.5

CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m^3	866
Viscosity at 100°C	ASTM D 445	mm^2/s	15.1
Viscosity at 40°C	ASTM D 445	mm^2/s	107
Viscosity Index	ASTM D 2270	-	149
Viscosity at -25°C	ASTM D 5293	mPa·s	6640
Pour point	ASTM 6749	°C	-36
B. N.	ASTM D 2896	mg KOH/g	7.5