Eni i-Sigma special TMS 5W-30



APPLICATIONS

Eni i-Sigma special TMS 5W-30 is a synthetic technology engine oil that collects the experience and knowledge acquired, in many decades, in the lubricants sector from Enilive. The product is expressly designed to meet the lubrication requirements of latest generation of Heavy Duty Diesel engines, equipped with exhaust gas post treatment devices. It is a lubricant formulated with “low SAPS” (Sulphated Ash, Phosphorus, Sulfur) additive technology able to ensure maximum engine reliability.

CUSTOMER ADVANTAGES

- **Eni i-Sigma special TMS 5W-30** is a high-performance lubricant suitable to meet the severe conditions required to Heavy Duty engines that equip: trucks, buses, construction equipments and agricultural vehicles. It is the result of a balanced base oils formulation and latest “low SAPS” (Sulphated Ash, Phosphorus, Sulfur) additive technology.
- The product guarantees the best engine protection and, at the same time, it maintains a very resistant oil film even in the harsh operating conditions.
- Another distinctive element of the product is ability to maintain its properties unaltered throughout the time of use; in particular, its resist the deterioration caused to oxidation phenomena.
- **Eni i-Sigma special TMS 5W-30** uses an additives package expressly developed to give the product the necessary properties to reduce wear phenomena.
- The product is formulated with a suitable Heavy Duty additive package, ensures superior performance, engine protection and durability.

SPECIFICATIONS

- ACEA E7, E8, E11
- ACEA E6, E9
- API CK-4/SN
- Caterpillar ECF-3
- Cummins CES 20086
- DAF PSQL 2.1 E LD
- Detroit Diesel 93K222

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- Deutz DQC IV-18 LA
- DTFR 15C100
- DTFR 15C110
- DTFR 15C120
- Ford WSS M2C213-A1
- JASO DH-2
- MACK EO-S-4.5
- MAN meets M 3477
- MAN M 3677
- MAN M 3775
- MTU type 3.1
- Renault RVI RLD-3
- Scania LDF-4
- Volvo VDS-4.5

CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m³	856
Viscosity at 100°C	ASTM D 445	mm²/s	11.9
Viscosity at 40°C	ASTM D 445	mm²/s	72
Viscosity Index	ASTM D 2270	-	164
Viscosity at -30°C	ASTM D 5293	mPa·s	5320
Pour point	ASTM D 5950	°C	-45
Flash point COC	ASTM D 92	°C	234
B. N.	ASTM D 2896	mg KOH/g	10.1

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