



APPLICATIONS

Eni i-Sigma MS TEC 15W-40 is a multigrade oil developed to lubricate new generation diesel engines of vehicles equipped with exhaust gas post treatment systems operating under severe operating conditions with fuel saving features. This product allows the maximum oil change intervals foreseen by the manufacturers. It can also be used in stationary diesel engines and in heavy duty gas engines.

CUSTOMER ADVANTAGES

- **Eni i-Sigma MS TEC 15W-40** is an engine oil that meets the requirements of the most severe performance levels required for heavy duty vehicles, the result of a combination of high quality base oils and a new "low SAPS" additive technology.
- Engine life and efficiency are guaranteed by the high wear protection (bore polishing), high detergency and low evaporation losses.
- **Eni i-Sigma MS TEC 15W-40** ensures the effectiveness and durability of post-treatment systems by adopting an innovative formulation technology in compliance with the chemical limits imposed by international specifications and manufacturers.
- It has demonstrated excellent anti-wear properties in the tests required by the manufacturers and by ACEA, in particular minimizing wear on the cylinders (bore polishing), piston rings, etc.

SPECIFICATIONS

- ACEA E6
- ACEA E9
- API CK-4, CJ-4
- Caterpillar ECF-3
- Cummins CES 20086
- Detroit Diesel 93K222
- JASO DH-2
- MACK EO-S-4.5
- MAN M 3477





- MB 228.31
- Renault RVI RLD-4
- Volvo VDS-4.5

CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/dm ³	0.874
Viscosity at 100°C	ASTM D 445	mm ² /s	15.2
Viscosity at 40°C	ASTM D 445	mm ² /s	118
Viscosity Index	ASTM D 2270	-	135
Viscosity at -20°C	ASTM D 5293	mPa·s	5725
Pour point	ASTM D 6749	°C	-39
Flash point COC	ASTM D 92	°C	236
B. N.	ASTM D 2896	mgKOH/g	7.5

