



# Eni i-Sigma top MS 5W-30 DE

**Eni i-Sigma top MS 5W-30 DE** is a synthetic high-tech Low-SAPS engine oil for commercial vehicle diesel engines (Euro IV-VI) with and without diesel particulate filters, EGR and SCR catalysts for NO<sub>x</sub> reduction.

## Characteristics (typical values):

Eni i-Sigma top MS 5W-30 DE	Uni	Value
Density at 15°C	g/cm <sup>3</sup>	0,857
Viscosity at 100 °C	mm <sup>2</sup> /s	11,9
Viscosity at 40 °C	mm <sup>2</sup> /s	72,5
Viscosity index	-	> 158
Viscosity at -30 °C	mPa*s	< 6000
Flashpoint	°C	> 230
Pourpoint	°C	< -45
BN	mg KOH/g	10,2

## Quality features:

- Modern low-SAPS additives
- Optimal wear protection
- Lubricant stability
- Aging resistance
- Viscosity stability
- Fuel savings
- Low exhaust emissions
- Improved soot removal capacity
- Optimal engine cleanliness
- Maximum oil change intervals

## Specifications:

- ACEA E6, E7, E8, E9, E11
- API CH-4, CI-4, CJ-4, CK-4
- API SN
- JASO DH-2
- DTFR 15C120 (MB-Approval 228.52)
- DTFR 15C110 (MB-Approval 228.51)
- MAN M 3677 (Approval)
- MAN 3775 / M3477
- Volvo VDS-4.5 (STD 417-0003) (Approval)
- Renault RLD-3 (Approval)
- Deutz DQC IV-18 LA (Approval)
- Mack EO-S-4.5 (Approval)
- MTU MTL 5044 Typ 3.1 (Approval)
- Scania LDF-4 (Feedback)
- Deutz TTCD
- Caterpillar ECF-3
- Cummins CES 20086
- Detroit Diesel DDC 93K222
- Ford WSS-M2C213-A1
- DAF PSQL 2.1 E LD (long drain)