

# Eni i-Sigma top 5W-30



## APPLICATIONS

**Eni i-Sigma top 5W-30** is a high performance multigrade top synthetic lubricant suitable for lubrication of heavy traction engines operating under extremely severe operating conditions with excellent fuel saving features.

It is specifically recommended for long journeys and it guarantees the extension of the changes to the maximum levels provided by the manufacturers.

It allows high fluidity in starting even with particularly low ambient temperatures.

## CUSTOMER ADVANTAGES

- The higher quality bases and the additivation technology used guarantee constant performance even with extended change intervals.
- The SAE grade (5W-30) makes the product suitable for any climatic situation, allowing start-up even under critical low temperature conditions.
- The dispersing-detergent properties and the neutralizing power against acidic combustion products guarantees exceptional piston cleaning and dispersion of solid combustion or degradation products, avoiding precipitation and subsequent formation of deposits.
- The product guarantees excellent oxidation resistance even in prolonged operation at high temperatures. Its antioxidant, anti-rust and anti-wear characteristics are suitable for severe operation and provides a long change interval.  
Oxidation is effectively inhibited, ensuring the viscosity consistency in the life time of use. Metallic surfaces are effectively protected against wear and corrosion ensuring and maintaining maximum engine efficiency over time.

## SPECIFICATIONS - APPROVALS

- Deutz DQC IV-10
- Volvo VDS-3
- API CI-4
- ACEA E4, E7
- MB-Approval 228.5
- MACK EO-N



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- MAN M 3277, M 3377
- MTU type 3
- Renault RVI RLD-2
- Caterpillar ECF-1a, ECF-2

## CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	860
Viscosity at 100°C	ASTM D 445	mm <sup>2</sup> /s	10.9
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	70
Viscosity Index	ASTM D 2270	-	160
Viscosity at -30°C	ASTM D 5293	mPa·s	6400
Flash point (COC)	ASTM D 92	°C	220
Pour point	ASTM D 97	°C	-39



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