Eni i-Sigma ECO PLUS 5W-30



APPLICATIONS

Eni i-Sigma ECO PLUS 5W-30 is a lubricant that integrates the innovation of the new formulation technologies with the knowledge acquired by Enilive in the lubricants field, through a long and consolidated experience.

It is a high-performance synthetic technology lubricant, suitable to meet the harsh operating conditions required by heavy duty engines.

The product to help improve fuel economy and consequently reduce CO2 emissions.

CUSTOMER ADVANTAGES

- **Eni i-Sigma ECO PLUS 5W-30** is designed to meet the latest industry specifications and tailored to meet exacting OEMs specifications. This product meets the API FA-4 designation and is not interchangeable or backward compatible with previous one API categories. Refer to individual engine manufacturer recommendations regarding compatibility with API FA-4 specification.
- **Eni i-Sigma ECO PLUS 5W-30** is developed to a HTHS (High Temperature High Shear) viscosity in range of 2.9 mPa*s to 3.2 mPa*s that assist in reducing emissions and is especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. Another distinctive element of the product is ability of enable reduced emissions of CO2 and improved fuel economy.
- This product provides engine protection and preserves the aftertreatment devices against catalyst poisoning and particulate filter blocking. This performance is achieved through a combination of specially formulated “low SAPS” (Sulphated Ash, Phosphorus, Sulfur) additive technology and high-quality base stocks.
- The components present in the additive package of **Eni i-Sigma ECO PLUS 5W-30** have been selected for prevent the build-up of carbon deposits in the piston ring grooves, which can lead to ring sticking.
- **Eni i-Sigma ECO PLUS 5W-30** ensures a suitable engine protection, and, at the same time, due to the resistance offered to deterioration caused to oxidation phenomena.
- **Eni i-Sigma ECO PLUS 5W-30** is an innovative engine oil blended with specific additives to improve detergent and dispersant properties and minimize the formation of lacquers and sludge.

Enilive S.p.A.
Viale Giorgio Ribotta, 51 - 00144 Roma, Italia
+39 06 5982 1

Date	16/09/2026
Code	1157
Page	1

Eni i-Sigma ECO PLUS 5W-30



SPECIFICATIONS

- ACEA F01
- API FA-4/SN PLUS
- Cummins CES 20087
- Detroit Diesel 93K223
- JASO DH-2
- Ford M2C214-B1
- DTFR 15C130
- MACK EOS-5 (Approved)
- Renault RLD-5 (Approved)
- Volvo VDS-5 (Approved)

CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m³	856
Viscosity at 100°C	ASTM D 445	mm²/s	9.8
Viscosity at 40°C	ASTM D 445	mm²/s	58
Viscosity Index	ASTM D 2270	-	155
Viscosity at -30°C	ASTM D 5293	mPa·s	5760
Pour point	ASTM D 5950	°C	-45
Flash point COC	ASTM D 92	°C	220
B. N.	ASTM D 2896	mg KOH/g	10.4

Enilive S.p.A.
Viale Giorgio Ribotta, 51 - 00144 Roma, Italia
+39 06 5982 1