

# eni i-Sigma Super Fleet ID



**eni i-Sigma Super Fleet ID** is long-drain multigrade oil (SHPD), specially formulated to meet the requirements of newest supercharged diesel engines operating under severe conditions. It is suitable for operating in highway and off-highway. It can also be used in normally-aspirated diesel engines installed in vehicles engaged on urban and short-haul goods and passenger service, as well as in supercharged diesel car engines; therefore **eni i-Sigma Super Fleet ID** simplifies operations in mixed fleets of global origin.

## CHARACTERISTICS (TYPICAL FIGURES)

### eni i-Sigma Super Fleet ID

SAE Grade		15W-40
Appearance	-	B & C
Density at 15°C	kg/L	0.872
Viscosity at 100°C	cSt	14.9
Viscosity at 40°C	cSt	107.5
Viscosity at -20°C	cP	6300
Viscosity Index	-	143
Flash Point COC	°C	220
Pour Point	°C	-24
TBN	mg KOH/g	10.1

## PROPERTIES AND PERFORMANCE

- The product exhibits marked resistance to deterioration, especially from oxidation which can be caused by prolonged high-temperature operation in the presence of air and other agents.
- The superior quality of the base stock used and the large percentage of additives adopted permit very long life between oil drains. The multigrade properties of this oil make it suitable for use in all ambient temperature conditions.
- Its detergent-dispersant properties, combined with its very high, long-lasting ability to neutralize acidic products of combustion, keep pistons exceptionally clean, while solid combustion products are held in suspension, thus preventing the formation of harmful crankcase deposits.
- Its antioxidant, antirust and antiwear properties are designed for heavy duty service and to ensure very long oil-drain intervals, oxidation is effectively minimized, thus preventing viscosity variations.
- All the metal parts of the engine are protected and wear is reduced, ensuring maximum engine efficiency throughout its life; this minimizes down time, reduces operation and maintenance costs and allows better performance through engine life.
- **eni i-Sigma Super Fleet ID** simplifies lubricant handling in fleets with different engine types.

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## SPECIFICATIONS

**eni i-Sigma Super Fleet ID** meets the requirements of the following services and specifications:

- API CI-4/CH-4/CG-4/SJ
- MAN M 3275
- MB 228.3
- MTU Type 2
- CUMMINS CES 20076/77