



eni i-SIGMA TURBOSTAR SYNTECH IN

eni i-SIGMA TURBOSTAR SYNTECH IN is a top of the line Engine oil developed from Synthetic Base oils and high performance additives. It's a long drain multi-grade oil (S.H.P.D.) of the latest generation for supercharged or turbocharged diesel engines operating under severe duty, notably those of recent technology ("EURO 3 - 4") according to engine manufacturer specifications. The product is specially suited for use in latest generation engines fitted with EGR (Exhaust Gas Recirculation) systems. The oil can also be used in normally-aspirated diesel engines installed in vehicles engaged on urban and short-haul goods and passenger service, providing a very wide quality margin.

CHARACTERISTICS (TYPICAL FIGURES)

i-SIGMA TURBOSTAR SYNTECH

SAE Grade		15W-40
Viscosity at 100°C	mm ² /s	14.26
Viscosity at -20°C	mPa.s	4862
Viscosity Index	-	149
Flash Point COC	°C	232
Pour Point	°C	-24

PROPERTIES AND PERFORMANCE

- The Synthetic base stock used and the large percentage of high quality additives adopted permit very long life between oil drains. Some manufacturers allow doubling the normal oil-service periods when i-SIGMA TURBOSTAR SYNTECH IN is used under certain service conditions in their engines.
- The multi-grade properties of this oil make it suitable for use in virtually all ambient temperature conditions.
- Its detergent-dispersant properties are confirmed by the compliance with the severe requirements of ACEA E7 and API CI-4 specifications. Pistons are kept exceptionally clean while solid combustion products are held in suspension, thus preventing the formation of harmful deposits.
- 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.
- Its antioxidant, antirust and anti-wear 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 in this way and wear is reduced, ensuring maximum engine efficiency throughout its life.



SPECIFICATIONS

i-SIGMA TURBOSTAR SYNTECH IN meets the requirements of the following services and specifications:

- ACEA E7, E5, A3/B3, A3/B4
- API Service CI-4 / CH-4 / CG-4 / CF-4 / SL
- MACK EO-M Plus, MACK EO-N
- Mercedes Benz 228.3
- MAN 3275
- VOLVO VDS-3
- MTU type 2
- CAT ECF 2, CAT ECF-1-a
- CUMMINS CES 20076 / 20077
- RVI RLD / RLD -2