



# ENI | SIGMA PERFORMANCE SYNTH

ENI | SIGMA PERFORMANCE SYNTH 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 diesel engines operating under severe duty, notably those of recent technology ("EURO 3 - 4") according to engine manufacturer specifications. 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. ENI | SIGMA PERFORMANCE meets ACEA E7, E5 specification but not ACEA E6 or E4.

## CHARACTERISTICS (TYPICAL FIGURES)

### ENI | SIGMA PERFORMANCE

<b>SAE Grade</b>		<b>15W-40</b>
Viscosity at 100°C	mm <sup>2</sup> /s	14.63
Viscosity at -20°C	mPa.s	6411
Viscosity Index	-	148
Flash Point COC	°C	228
Pour Point	°C	- 24
Mass Density at 29.5°C	gm/cc	0.876

## 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 to double the normal oil-service periods when ENI | SIGMA PERFORMANCE 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/E5 and API CI-4/CH-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

ENI | SIGMA PERFORMANCE is meets the requirements of the following services and specifications:

- ACEA E7, E5, E3, B3
- API Service CI-4/CH-4/SL
- MACK EO-M Plus
- Mercedes Benz 228.3
- MAN 3275
- VOLVO VDS-3
- MTU type 2
- CAT ECF 2
- Cummins CES 20071/2/6/7/8
- CCMC D5

# AGIP SIGMA TRUCK SUPREME



- US Department of the Army MIL-L-2104 E
- US Department of the Army MIL-L-46152
- Global DHD-I
- VW 501.01 + 505.00 level
- RVI RLD