



AGIP SIGMA TRUCK PLUS

AGIP SIGMA TRUCK PLUS is a long-drain multigrade oil (S.H.P.D.) of the latest generation for supercharged diesel engines operating under severe duty, notably those of recent technology ("EURO 3 ÷ 5") 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.

AGIP SIGMA TRUCK PLUS meets ACEA E7 and E5 specifications but not ACEA E6 or E4.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP SIGMA TRUCK PLUS

15W-40

Viscosity at 100 °C	mm ² /s	14.5
Viscosity at 40 °C	mm ² /s	110
Viscosity at -20 °C	mPa.s	6700
Viscosity Index	-	138
Flash Point COC	°C	230
Pour Point	°C	-27
Mass Density at 15 °C	kg/l	0.885

PROPERTIES AND PERFORMANCE

- The superior quality of the base stock used and the large percentage of additives adopted permit very long life between oil drains. Some manufacturers allow to double the normal oil-service periods when AGIP SIGMA TRUCK PLUS is used under certain service conditions in their engines.
- The multigrade 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 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 in this way and wear is reduced, ensuring maximum engine efficiency throughout its life.

SPECIFICATIONS

AGIP SIGMA TRUCK PLUS is officially approved or meets the requirements of the following services and specifications:

- ACEA E7, E5, E3, B3
- API Service CI-4/CH-4/SL
- CAT ECF-1
- CAT ECF-1a
- CCMC D5
- Cummins CES 20071/2/6/7/8
- Global DHD-1



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- MACK EO-M Plus
- MAN M 3275
- Mercedes Benz 228.3
- MTU typ 2
- RVI RLD
- US Department of the Army MIL-L-2104 E/46152
- VOLVO VDS-3
- VW 501 01 + 505 00 level
- DEUTZ DQC III-05