

## Agip Sigma Turbo SAE 15W-40

ACEA E#  
API CGF-4/SG  
MB 228.3

**Multigrade engine oil** for modern supercharged diesel engines, approved for prolonged oil change intervals for commercial vehicles.

### Characteristics (typical figures):

Agip SIGMA TURBO	Unit	SAE 15W-40	Test Methode
Kinematic Viscosity at 40 C	cSt	100.0	ASTM D 445
Kinematic Viscosity at 100 C	cSt	13.70	ASTM D 445
Viscosity Index		138	ASTM D2270
Density at 15 C	kg/l	0.885	ASTM D 4052
Flashpoint	C	230	ASTM D 92
Pourpoint	C	-27	ASTM D 97
Sulphate ash	kg/G	18.5	DIN 51 575
Base number	mgKOH/g	14	DIN ISO 3771

### Properties and Performance:

**Agip SIGMA TURBO** meets all requirements of the modern supercharged diesel engines due to its base oil and the high additive contents. The used additives keep the engine clean also with prolonged oil change intervals, neutralise acidic combustion products and shows enough safety at an optimal viscosity.

**Agip SIGMA TURBO** being an SHPD oil is compatible with all usually used materials and sealings in the engine manufacturing and is miscible with brand high performance oils.

## Applications:

**Agip SIGMA TURBO** is a modern all-season diesel engine oil for all highly loaded commercial vehicles such as Trucks, Busses and construction equipment. It can also be used in non-supercharged diesel engines or passenger car diesel engines.

**Agip SIGMA TURBO** is approved for prolonged oil change intervals by leading vehicle manufacturers according to the manufacturers specific conditions.

Please observe the manufacturer's specifications when selecting products!

## Specifications

**Agip SIGMA TURBO**, meets or exceeds the requirements of the following specifications.

specificatie  
ACEA E3  
CAT TO-2  
API CG-4/SG  
MACK EO-L  
MAN M 3275  
MB 228.3  
MTU Type 2  
VW 505.00 (level)  
ZF TE-ML 04C  
US Dept. of the Army MIL-L-2104E / MIL-L-46152 E  
VOLVO VDS2  
DEUTZ DQC-II 95 / DQC-IV 05 level

CvO,                      junei '08  
GEPRINT:              maandag 3 november 2008