



ASTRIS DIESEL ECO POWER

SAE 5W-30 – low SAPS

High-performance diesel motor oil with low ash content, especially suitable for EURO V and EURO VI truck motors of the latest generation

High performance engine oil for heavy-duty diesel engines, specially designed to meet the latest manufacturer requirements, including Volvo VDS 4.5, API CK-4, and others.

Increasingly stringent standards for the reduction of harmful emissions, as well as the general endeavour to reduce operating costs by reducing fuel consumption, lead to an increased demand for state-of-the-art engine oils.

Additive components of the latest technology as well as selected synthetic base oils give to this product a very high quality level, allowing extended drain intervals while maintaining consistent and reliable wear protection.

Excellent viscosity and friction values of this lubricant allow a significant fuel economy and offers a reduction in the emissions of pollutants.

Key features:

- Modern formulation based on the latest additive technology and synthetic base oils.
- Low SAPS: significantly reduced content of sulphate ash, phosphorus and sulphur.
- Suitable for use in all exhaust after-treatment systems
- Optimal wear protection and oxidation resistance even with extended oil change intervals.
- Optimum piston and engine cleanliness: protects against formation of sludge deposits.
- Reduces fuel consumption and pollutant emissions

Application

New synthetic engine oil for heavy-duty diesel engines with modern exhaust after-treatment systems. The product meets the requirements of the latest truck engines of MB, Volvo and other OEMs, as well as the requirements of API CK-4.

This product also exceeds the API SN requirements for gasoline engines and mixed fleets.

Observe manufacturers specifications and instructions before use.

Specifications

ACEA E6, E7, E9
API CK-4, CJ-4 / SN
MB 228.51, MB 228.31
MAN M3775
VOLVO VDS-4.5
RENAULT RLD-3
CAT ECF-3, ECF-2, ECF-1a
MACK EO-S-4.5
DEUTZ DQC IV-10 LA
DETROIT DIESEL DFS 93K222

Performance level

CNG (compressed natural gas) engines:
RENAULT TRUCK RGD
MAN M3271-1
VOLVO CNG



ASTRIS DIESEL ECO POWER

SAE 5W-30 low SAPS

Technical data	Unit	Method
Density at 15°C	0.857 g/cm ³	ASTM D 1298
Viscosity at 40 °C	71.5 mm ² /s	ASTM D 445
Viscosity at 100 °C	12.0 mm ² /s	ASTM D 445
Viscosity index	165	ASTM D 2270
Viscosity at – 30°C (CCS)	5950 cP	ASTM D 5293
HTHS Viscosity at 150°C	3.6 cP	ASTM D 5293
TBN	10.1 mgKOH/g	ASTM D 2896
Sulphated ash	0.9 % mass	ASTM D 874
Flash point C.O.C.	225 °C	ASTM D 92
Pour point	-42 °C	ASTM D 97
NOACK evaporation loss	12.0 % mass	CEC-L-40-A-93

Health, safety and environment

ADR / SDR : Not dangerous

EU Waste List Code : 13 02 08