

ASTRON Monograde 50

High-performance Single Grade Engine Oil

Properties

- High-performance single-range engine oil
- High viscosity index
- High dirt holding capacity
- Stable lubrication film
- Excellent cleaning performance
- High thermal stability
- Excellent wear and corrosion protection

Use instructions

ASTRON Monograde 50 is suitable for use in diesel and ottomotors with and without turbocharging, such as:

- Commercial vehicle diesel engines
- Stationary diesel engines
- Construction machinery and agricultural aggregates

It is also used in hydraulic systems, hydraulic clutches, gearboxes, torque converters and retarders if such type of engine oil is prescribed by the manufacturer.

Specifications:

- ACEA E2
- API SJ/CF-4

Recommendations*:

- MB-227.0
- MAN M 270
- Allison C-4
- Caterpillar TO-2
- MIL-L-2104 E
- MIL-L-46152 E
- MTU oil type 1

TYPICAL PARAMETERS	METHODS	UNITS	ASTRON Monograde 50
Density at 15°C	DIN 51 757	kg/m ³	899
Viscosity at 40°C	DIN 51 562	mm ² /s	239
Viscosity at 100°C	DIN 51 562	mm ² /s	19,5
Viscosity index (VI)	DIN ISO 2909	-	93
Pourpoint	DIN ISO 3016	°C	-21
Flash point COC	DIN ISO 2592	°C	290
Base number	DIN ISO 3771	mg KOH/g	11,8
Sulphated ash	DIN 51 575	g/100 g	1,6

* meets the requirements of the OEM manufacturer.
The stated values may vary within the usual commercial range.

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Power in every molecule

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Health, Safety and Environment –
information is provided for products
in the relevant Safety Data Sheet.

