

ASTRON Monograde SJ/CF-4 10W/20W-20/30/40

High-performance single-grade engine oil

Properties

- High-performance single-grade engine oil
- High viscosity index
- High dirt dispensing capacity
- Stable lubricant film
- Excellent cleaning capacity
- High thermal stability
- Excellent wear and corrosion protection

Use instructions

ASTRON Monograde SJ/CF-4 10W/20W-20/30/40 is recommended for use in both diesel and petrol engines with or without turbocharger, such as:

- Commercial diesel vehicle engines
- Stationary diesel engines
- Construction machines and agricultural units

In addition, the product can be used in hydraulic systems, hydraulic clutches, gearboxes, torque converters and retarders for which the manufacturer prescribes the use of a high-performance single-grade engine oil.

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 SJ/CF-4 10W/20W-20/30/40			
			10W	20W-20	30	40
SAE class	DIN 51 511	-	10W	20W-20	30	40
Density at 15°C	DIN 51 757	g/cm³	0,883	0,888	0,895	0,898
Viscosity at -15°C	DIN 51 377	mPa s	-	2200	-	-
Viscosity at -25°C	DIN 51 377	mPa s	6000	-	-	-
Viscosity at 40°C	DIN 51 562	mm²/s	39	57	103	152
Viscosity at 100°C	DIN 51 562	mm²/s	6,5	7,8	11,5	15,0
Viscosity index (VI)	DIN ISO 2909	-	112	101	95	97
COC flash point	DIN ISO 2592	°C	212	220	235	240
Pour point	DIN ISO 3016	°C	-24	-22	-18	-15
TBN	DIN ISO 3771	mgKOH/g	9,7	9,7	9,7	9,7
Sulphated ash	DIN 51 575	g/100 g	1,3	1,3	1,3	1,3

* 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.

