## PRODUCT CERTIFICATE



## **ASTRON Maxima Energy TSi 10W-30**

# Semi-synthetic high-performance low-friction engine oil for passenger cars

#### **Properties**

ASTRON Maxima Energy TSi 10W-30 is a semi-synthetic high-performance low-friction engine oil of viscosity class SAE 10W-30. Its base oil composition combines the advantages of modern refinery products with those of synthetic components. The base oil composition and shear resistant VI enhancers ensure that the product retains its specified viscosity properties during the entire lubrication time. The ageing process of this engine oil is well managed over the permissible maximum oil change interval. Antioxidants and cleaning additives prevent deposits, keep pistons and valves clean and protect the engine against cold sludge. The low friction loss in the engine significantly reduces fuel consumption and emissions. Low evaporation loss prevents deposits in valves, sludging and laking, so that pistons and piston ring grooves are kept clean.

#### **Use instructions**

**ASTRON Maxima Energy TSi 10W-30** is recommended for passenger cars with and without turbocharger, as well as petrol and diesel engines.

### Specifications:

- ACEA A3/B4
- API SL/CF

#### Recommendations\*:

- MB 229.1
- VW 505.00
- Toyota
- Jeep

TYPICAL PARAMETERS	METHODS	UNITS	ASTRON Maxima Energy TSi 10W-30
Density at 15°C	DIN 51 757	kg/m³	860
Viscosity at -25°C	DIN 51 377	mPa.s	4680
Viscosity at 40°C	DIN 51 562	mm²/s	67,4
Viscosity at 100°C	DIN 51 562	mm²/s	10,7
Viscosity Index (VI)	DIN ISO 2909	-	151
Flash point COC	DIN ISO 2592	°C	230
Pour point	DIN ISO 3016	°C	- 42
TBN	DIN ISO 3771	mg KOH/g	10,5

<sup>\*</sup> meets the requirements of the OEM manufacturer.
The stated values may vary within the usual commercial range.

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