

## AUTOMOTIVE LUBRICANTS. PASSENGER CARS

# XTAR 0W20 ECO M

### DESCRIPTION



100% synthetic polyolefin-based (PAO) lubricant with a long drain interval and low ash content (SAPS). Suitable for use in hybrid, gas, gasoline or diesel vehicles fitted with a particulate filter, and especially in modern turbocharged engines that require an SAE 0W-20 viscosity oil with superior fuel economy properties.

### PRODUCT APPLICATIONS

- In direct injection and turbocharged gasoline and diesel engines incorporating exhaust gas after-treatment systems (SCR, EGR and particulate filters).
- Suitable for achieving the maximum drain intervals ("LongLife") recommended by manufacturers that demand SAE 0W-20 viscosities, such as Mercedes or BMW.
- Due to its high TBN retention capacity, it can be used in hybrid vehicles.
- Due to its high stability to oxidation, it is also recommended in gas engines (LPG/CNG) or if biofuels are used.
- Excellent cold fluidity that allows the oil to circulate rapidly to protect the engine in the event of frequent stops and starts ("Start/Stop" systems).

### PRODUCT PERFORMANCE

- Helps reduce CO<sub>2</sub> emissions, achieving fuel economy of more than 3% compared to other oils in the Fuel Economy Test M111FE.
- Its 100% synthetic base of the highest quality achieves low oil consumption, extending drain intervals and helping to reduce service and maintenance costs.
- Excellent level of cleanliness and protection of the engine against acidic agents and contaminants during the entire useful life of the oil, minimizing the formation of deposits, wear, sludge and varnish on the internal components of the engine, as well as the impact of residues from biofuels that remain dissolved in the oil.
- Ensures protection against wear generated by low-speed pre-ignition (LSPI), which can occur in modern turbocharged gasoline engines.

### SPECIFICATIONS



- ACEA C5, C6
- API SP Resource Conserving
- ILSAC GF-6A
- MB-Approval 229.72
- BMW LL-17FE+
- Opel OV 040 1547 - A20
- STJLR.03.5006
- Ford WSS-M2C-947-B1
- Ford WSS-M2C-962-A1
- Fiat 9.55535-GSX
- Chrysler MS 12145

### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 0W20 ECO M
<b>SAE Grade</b>	-	-	<b>0W20</b>
Density at 15°C	g/ml	ASTM D 4052	0.845
Viscosity at 100°C	cSt	ASTM D 445	8.22
Viscosity at 40°C	cSt	ASTM D 445	41.9
Viscosity Index	-	ASTM D 2270	175
CCS Viscosity at -35° C	cP	ASTM D 5293	5866
Pour Point	°C	ASTM D 5949	-51
Flash Point, COC	°C	ASTM D 92	230
Base number, TBN	mg KOH/g	ASTM D 2896	8.4
Sulfated ash	% (m/m)	ASTM D 874	0.7
HTHS Viscosity at 150°C	cP	ASTM D 4683	2.6

### HEALTH & SAFETY AND ENVIRONMENT

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.