XTAR 10W40 SYNTHETIC

Description

The semi-synthetic engine lubricant oil XTAR 10W40 SYNTHETIC is specially recommended for meeting the high demands of medium and high speed, direct injection diesel and petrol engines and is also suitable for dual fuel CNG/LPG engines.

Applications

- Indicated in modern, high-range and performance private cars: saloon and sports cars and, in general, those fitted with very powerful mechanical systems.
- For modern technology designs: turbocharged, direct-injection, common-rail, intercooler, HDI and CDI etc.
- For all types of climate and driving, especially severe service.

Performance

- VW 502.00/505.00 certification ensures excellent anti-wear protection and cleaning of engine components, especially on turbocharged engines, preventing accumulations of residues the turbocharger and so increasing its useful life.
- The ACEA A3/B12 level ensures a high-level of engine protection, especially in vehicles with engines fitted with direct-injection systems, enabling maximum performance to be maintained.
- It facilitates cold starting and contributes to fuel savings when compared to oils of greater viscosity.
- It has low volatility, which favours low oil consumption, even in the most demanding applications.
- It protects the engine from acid gases produced during GNC combustion.

Specifications

- ACEA A3/B4-12
- API SN/SL/CF
- MB-Approval 229.1
- Renault RN0700
- VW 502.00/505.00
- Fiat 9.55535–D2

Typical Characteristics

SPECIFICATION	UNITS	METHOD	XTAR 10W40 SYNTHETIC
SAE Grade	**-**	**-**	**10W40**
Density at 15ºC	g/ml	ASTM D 4052	0,876
Viscosity at 100ºC	cSt	ASTM D 445	14,7
Viscosity at 40ºC	cSt	ASTM D 445	97,3
Viscosity Index	-	ASTM D 2270	158
CCS Viscosity at -30ºC	cP	ASTM D 5293	5400
Freezing Point	ºC	ASTM D 97	-36
Flash Point (COC)	ºC	ASTM D 92	>210
Base number, TBN	mg KOH/g	ASTM D 2896	11
Sulphated Ash	% (m/m)	ASTM D 874	1,2
HTHS Viscosity at 150ºC	cP	ASTM D 4683	3,7

Health & Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes.
These values may be modified without any prior warning.