LEADER C3 5W-40

Automotive

Description

Synthetic lubricant for most car manufacturers light petrol and diesel engines. This product is compatible with vehicles equipped with a DPF. Its reduced ash content formula (Mid SAPS) makes it suitable for exhaust gas post-treatment technologies, while at the same time contributing to preserving the environment by minimising harmful particle emissions.

Properties

- Recommended for the petrol and diesel engines of a wide range of vehicle manufacturers
- Its low ash content is necessary for the durability of the new emission reducing technologies such as the diesel particle filter (DPF), thus helping more than conventional lubricants to preserving the environment.
- It contributes to limited formation of deposits and sludge by keeping the engine clean.
- It protects the engine against wear by offering good resistance to rust and to breakage of the lubricant film due to shearing.

Quality levels, approvals and recommendations

- ACEA C3
- API SN/CF*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			5W-40
Density at 15 ºC	g/mL	ASTM D 4052	0,852
Viscosity at 100 ºC	cSt	ASTM D 445	14,6
Viscosity at 40 ºC	cSt	ASTM D 445	87
Viscosity at -30 ºC	cP	ASTM D 5293	6600 max.
Viscosity index	-	ASTM D 2270	170
Flash point, open cup	ºC	ASTM D 92	215 min.
Pour point	ºC	ASTM D 97	-36
T.B.N.	mg KOH/g	ASTM D 2896	7,4
Bosch Injector Shearing: Viscosity at 100 ° C after shear	cSt	CEC-L-40-93	12,5

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Noack volatility, 1hr at 250 ºC	% weight	CEC-L-40-93	12 max.
HTHS, viscosity at 150 ºC	cP	CEC-L-36-90	>3,5

The above mentioned characteristics are typical values and should not be considered product specifications.