



GIANT 9670 LS-FE-LL 5W-30

Description

Synthetic lubricant specially designed to meet the most demanding fuel-saving requirements, without compromising engine protection and durability. Its low-ash technology is suitable for vehicles with exhaust after-treatment systems and allows long periods between changes.

Formally approved against MB 228.61 and API FA-4 and only suitable for Euro VI vehicles that require low HTHS.

Properties

- Due to its reduced HTHS, the oil provides a greater fuel saving potential than that of other oils on the market, which also contributes to reducing pollutant emissions.
- It is a lubricant with a very long life compatible with after-treatment systems (DPF, SCR, EGR, CRT, etc.), which allows long drain intervals, waste generation to be reduced, and maintenance costs to be controlled.
- It is only appropriate for those vehicles that are prepared to work with low-viscosity oils at high shear (low HTHS), like the one required in API FA-4 and MB 228.61 specifications. It is not suitable for vehicles that require previous API quality levels.
- Recommended for applications that require Volvo VDS-5.

Quality levels, approvals and recommendations

- API FA-4*
- CUMMINS CES 20087
- DAIMLER TRUCK DTFR 15C130*
- DTNA DFS 93K223
- MB-Approval 228.61*

*Formal approval

**GIANT 9670 LS-FE-LL 5W-30****Technical specifications**

	UNIT	METHOD	VALUE
SAE Grade			5W-30
Density at 15 °C	g/cm3	ASTM D4052	0.854
Kinematic viscosity at 40 °C	cSt	ASTM D445	58
Kinematic viscosity at 100 °C	cSt	ASTM D445	9.8
Viscosity index	-	ASTM D2270	159
CCS Viscosity at -30 °C	cP	ASTM D5293	< 6600
Flash point, open cup	°C	ASTM D92	> 215
Pour point	°C	ASTM D97	-36
Shearing Inj.Bosch: Vis 100 °C (90 cy)	cSt	CEC L-14-93	> 9.3
Sulphated ashes	% in weight	ASTM D874	<1
TBN	mg KOH/g	ASTM D2896	14

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