

GIANT 1040 FC SAE 40-N

Automotive

Description

Zinc-free mineral lubricant oil, specially designed for use in diesel engines equipped with silver bearings, such as those used in locomotives and stationary generators.

Properties

- It meets the same demands as a Serie 3 type lubricant though it also prevents damage in bearings whose alloy contains silver.
- Its additivation ensures thorough cleaning of internal engine parts, especially the area of piston segments, thus preventing abrasive wear and prolonging engine life.
- Suitable alkaline reserve (TBN) for use of all kinds of diesels.
- Modern technology oil belonging to 5th generation.

Quality levels, approvals and recommendations

- GE Generation 4 Long Life*
- Electro-Motive Diesel (EMD)*
- LMOA Generation 5 SAE 40 grade
- API CF-2/CF
- EMD SD-60
- GE B30-7A

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			40
Density at 15 °C	g/cm3	ASTM D 4052	0,898
Viscosity at 100 °C	cSt	ASTM D 445	14.6
Viscosity at 40 °C	cSt	ASTM D 445	146
Viscosity index	-	ASTM D 2270	>95
Flash point, open cup	°C	ASTM D 92	>220
Pour point	°C	ASTM D 97	-18
T. B. N.	mg KOH/g	ASTM D 2896	13,0
Sulphated ashes	% weight	ASTM D 874	1,2
Zinc	ppm	ASTM D 4951	<10

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