

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.