



NAVIGATOR HQ GL-5 SAE 90

Description

Extreme Pressure monograde lubricant oil, recommended for use in differentials/ rear axles of vehicles or in hypoid and helicoidal transmission systems. Also suitable for use in gearboxes and other gear assemblies working in very severe service conditions.

Properties

- Great load bearing capacity and capacity to withstand momentarily high temperatures. Extreme Pressure (EP).
- Very good resistance to ageing.
- Excellent antirust and anti-foam properties.
- Helps to eliminate noise.
- Good anti-wear properties, which prolongs the useful life of the transmission.

Quality levels, approvals and recommendations

- DTFR: 12B100*
 - ZF TE-ML: 05A, 07A, 08, 16B, 16C, 17B, 19B, 21A*
 - MAN: 342 M1
 - VW: 727
 - MB: 235.0*
 - API: GL-5
 - VOLVO: 97310
- *Formal approval

Technical specifications

| | UNIT | METHOD | VALUE |
|------------------------------------|-------|------------|-------|
| SAE Grade | | | 90 |
| Density at 15 °C | g/cm3 | ASTM D4052 | 0.903 |
| Kinematic viscosity at 100 °C | cSt | ASTM D445 | 17.6 |
| Kinematic viscosity at 40 °C | cSt | ASTM D445 | 198 |
| Viscosity index | | ASTM D2270 | >95 |
| Flash point, open cup | °C | ASTM D92 | >190 |
| Pour point | °C | ASTM D97 | -21 |
| FZG (A/8,3/90): Failure load stage | | ISO 14635 | >12 |
| 4 Ball EP, wear load index | | ASTM D2783 | >50 |

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