

Aral Getriebeoel ATF LD

Fully Synthetic Automatic Transmission Fluid



Description

Getriebeoel ATF LD is a high quality full synthetic transmission fluid. It is particularly recommended for use in automatic and semi automatic transmissions used in buses and coaches. It may also be used in manual transmissions. As such it is recommended for fleets employing a mixture of Voith, Renk, ZF, Allison and MB transmissions alongside the Leyland Pneumocyclic and Hydracyclic units. Extended oil drain [120.000 km] in ZF Ecomat, MB AT and Voith AT.

Advantages

- Excellent resistance to oxidation prolonging the life of the lubricant, offers extended drain potential and lowers operating costs.
- Enhanced protection against deposits extends transmission life.
- Temperature reduction in severe service improves transmission and oil service life and helps reduce fuel consumption and emissions.
- Optimised frictional characteristics providing smoother gear changes and protects against wear.
- Outstanding cold flow properties giving high protection to transmission especially at start-up

Typical Characteristics

| Name | Method | Units | Getriebeoel ATF LD |
|------------------------------------|------------|--------------------|--------------------|
| Density @ 15C, Relative | ASTM D4052 | g/ml | 0.836 |
| Viscosity, Kinematic 100C | ASTM D445 | mm ² /s | 7.5 |
| Viscosity, Kinematic 40C | ASTM D445 | mm ² /s | 37.8 |
| Viscosity Index | ASTM D2270 | None | 170 |
| Viscosity, Brookfield @ -40C (75W) | ASTM D2983 | mPa.s (cP) | 8400 |
| Pour Point | ASTM D97 | °C | -66 |
| Flash Point, COC | ASTM D92 | °C | 228 |

Product Performance Claims

Approved - ZF TE-ML 04D, 11B, 14C, 16M, 20C
MAN 339 Typ Z3, MAN 339 Typ Z12, MAN 339 Typ V2
Voith H55.6336.xx
MB-Approval 236.81

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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