

ZF Ecofluid Life Plus

Fully synthetic automatic transmission oil for ZF and MAN

Description

ZF EcoFluid Life Plus was specially developed as a fuel economy oil for use in modern ZF CV automatic transmissions. The combination of a base oil based on XHVI synthesis technology with a specially balanced additive package ensures excellent oxidation stability and a constant coefficient of friction. This oil is explicitly recommended particularly at higher loads caused by challenging topography or frequent retarder operation

Applications

ZF EcoFluid Life Plus is the oil favored by ZF for all ZF CV automatic transmission. ZF EcoFluid Life Plus is particularly recommended for use in city buses and coaches as well as for extreme applications, such as demanding topographical conditions, stop-and-go traffic and frequent retarder operation. TE-ML 14F (for ZF Ecomat transmissions), TE-ML 20G (for ZF EcoLife transmissions), TE-ML 26D (for ZF PowerLine transmissions), TE-ML 16Q (for ZF automatic powershift transmissions in rail vehicles) and TE-ML 25G (for ZF automatic powershift transmissions for special vehicles and stationary applications). Approvals according to MAN specification MAN 339-Z14 and MAN 339-Z21 are also available

Benefits

- Full synthetic formulation to provide an extreme thermal stability.
- Improved shear stability for a stable viscosity during use
- Excellent oxidation and thermal stability
- Full synthetic formulation to provide an extreme thermal stability.

Specifications, recommendations and approvals

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|-----|------------------|----|-----------|
| MAN | 339 Type Z14 | ZF | TE-ML 20G |
| MAN | 339 Type Z21 | ZF | TE-ML 25G |
| ZF | TE-ML 14F | ZF | TE-ML 26D |
| ZF | TE-ML 16Q | | |

Color code blue = officially approved

Properties

| | Method | Unit | Typical |
|----------------------------------|--------|--------------------|---------|
| Density, 15 °C | D 4052 | g/ml | 0,832 |
| Kin. Viscosity Base Oil at 40 °C | D 445 | mm ² /s | 35 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 7,1 |
| Viscosity Index | D 2270 | - | 150 |
| Brookfield Viscosity, -40 °C | D 2983 | Pa.s | 10 |
| Pour Point | D 97 | °C | -57 |
| Flash Point, P-M | D 93 | °C | 236 |

The figures above are not a specification. They are typical figures obtained within production tolerances.