

Product Information: Tranguard ATF ZM

Description

Tranguard ATF ZM is a fully synthetic, premium quality, heavy-duty automatic transmission oil which has been specifically formulated for use in the newest generation of ZF-Ecomat and ZF-Ecolife transmissions. The product offers ultimate performance, allowing extended drain intervals, maximum wear protection, extreme low temperature fluidity, smooth shifting comfort and extended component life, even when operating under the most severe conditions.

Applications

Tranguard ATF ZM is intended for use in all ZF-Ecomat and ZF-Ecolife transmissions and where retarders are used.

Performance Features

- Extended drain intervals
- Smooth shifting comfort
- Extended component life
- Extreme low temperature fluidity
- Maximum wear protection

Performance Levels

ZF TE-ML 04D, 14E, 16N, 20F, 25F
MAN 339 Type Z13 (ZF-Ecolife 120,000 – 240,000 km depending on working temperature)
MAN 339 Type Z4 (ZF-Ecomat 150,000 km)

Typical Data

Characteristic	Unit	Result	Method
Density @ 15°C	kg/m ³	0.843	ISO 12185
Kinematic Viscosity @ 40°C	cSt	61.8	ISO 3104
Kinematic Viscosity @ 100°C	cSt	10.2	ISO 3104
Viscosity Index		153	ISO 2909
Flashpoint (Open)	°C	240	ISO 2592
Pour Point	°C	-51	ISO 3016

Figures based on average production values