

Technical Data Sheet

Texol Multisyn™ ATF Type E

High performance heavy duty synthetic automatic transmission fluid

Product Description

Texol Multisyn™ ATF Type E is a high performance heavy duty synthetic automatic transmission fluid formulated use in heavy duty truck synchronised automatic transmission systems.

Customer benefits

- High performance, specially tuned friction characteristics contribute smooth shifting performance
- Highly durable friction properties offer protection and performance throughout fluid service life
- Robust shear stability helps maintain lubrication performance and system protection over a long fluid service life
- High viscosity index (VI) offers reliable system protection during high temperature operations
- Low temperature fluidity aids rapid fluid circulation at system start-up helping protect critical and vulnerable components
- Extreme pressure (EP) protection promotes resistance to component scuffing and wear, helping reduce maintenance
- Oxidation stability contributes to the resistance to harmful sludge, lacquer and deposit formation
- Compatible with a wide range of seal materials, helping prevent fluid loss
- Offers resistance to rust and corrosion in ferrous and yellow metal components, helping reduce maintenance, downtime and costs
- Long drain capability of up to 150,000 km helps reduce maintenance costs and helps optimise uptime

Applications and Uses

- Texol Multisyn™ ATF Type E is designed for long drain in heavy duty synchronised automatic truck transmission, including automated models (such as ZF Ecomat transmission). Texol Multisyn™ ATF Type E is suitable for use in transmissions fitted with retarders or intarders
- ZF has recently started using a new type of synchroniser component in some of its truck and bus transmissions. These transmissions are indicated by a “ TE-ML 4D, 14E, 16N, 16Q, 20F “ entry on the name plate. Texol Multisyn™ Type E may also be used for these applications.

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Typical Properties

Property (Unit)	ATF TYPE E	Method
Density at +15 °C	855	DIN 51757
Viscosity @40°C, cSt	62.7	DIN 51550
Viscosity @100°C, cSt	10.4	DIN 51550
Viscosity Index	155	DIN ISO 2909
Flash Point, °C	234	DIN ISO 2592
Pour Point, °C	-49	DIN ISO 3016

Specifications

- MAN 339 Type Z4 (ZF Ecomat 150.000 km)
- MAN 339 Type Z13 (ZF Ecolife 240.000 – 120.000 km depending on working temperature)
- ZF TE-ML 4D
- ZF TE-ML 14E
- ZF TE-ML 16N
- ZF TE-ML 16Q
- ZF TE-ML 20F

Technical Expertise

Texol experts on Texol Multisyn™ series lubricants are regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.