



Texol Gearsyn™ 75W-80

Technical Data Sheet

Texol Gearsyn™ 75W-80

High performance heavy duty synthetic manual transmission fluid

Product Description

Texol Gearsyn™ 75W-80 is a high performance heavy duty synthetic manual transmission fluid formulated use in heavy duty truck synchronised manual 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

Applications and Uses

- Texol Gearsyn™ 75W-80 is designed for long drain in heavy duty synchronised manual truck transmission, including automated models (such as ZF AS Tronic transmission). Texol Gearsyn™ 75W-80 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 01 “ entry on the name plate. Texol Gearsyn™ 75W-80 may also be used for these applications.



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Typical Properties

Property (Unit)	75W-80	Method
Density at +15 °C	862	DIN 51757
Viscosity @40°C, cSt	59	DIN 51550
Viscosity @100°C, cSt	10.1	DIN 51550
Viscosity Index	155	DIN ISO 2909
Flash Point, °C	234	DIN ISO 2592
Pour Point, °C	-40	DIN ISO 3016

Specifications

- API GL-4 / GL-5
- DAF Gearbox oil for ZF and Eaton gearboxes
- MAN 341 Type Z4
- MAN 341 Type E3
- Volvo 97305-89
- ZF TE-ML 02L
- ZF TE-ML 16K

Technical Expertise

Texol experts on Texol Gearsyn™ 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.