



# Texol Gearsyn™ 75W-90

## Technical Data Sheet

### Texol Gearsyn™ 75W-90

Ultra high performance synthetic multi-grade total driveline lubricant

### Product Description

Texol Gearsyn™ 75W-90 is a high performance synthetic total driveline lubricant offering extended drain capabilities. This lubricant is suitable for use in API GL-4 and API GL-5 applications.

Texol Gearsyn™ 75W-90 is formulated with fully synthetic base oils combination with high performance additives.

### Customer benefits

- Extended drain capability helps reduce maintenance and offers increased system performance, protection and uptime
- Specially tuned friction characteristics allow use in synchronized manual transmissions and final drives, assisting product rationalisation
- Durable shear stability promotes constant high performance system lubrication and protection throughout lubricant service life
- High viscosity index offers consistent fluid viscosity and critical system protection under high temperature operation
- Low temperature fluidity contributes rapid fluid circulation and the protection of vulnerable components at cold system start up
- Dependable oxidation stability helps prevent in service oil thickening and aids resistance to harmful deposit and varnish formation
- Compatible with a wide range of elastomer materials, helping prevent fluid leakage and loss
- Promotes reliable rust and corrosion protection in ferrous and yellow metals in gears and bearings
- Offers good foam suppression and consistent system lubrication and protection

### Applications and Uses

- Texol Gearsyn™ 75W-90 is designed for use in automotive manual transmissions which require a fluid with API GL-4 or GL-5 performance, and for hypoid drive axles where an EP oil meeting API GL-5 required.
- The thermal stability makes Texol Gearsyn™ 75W-90 suitable for use in applications with higher operating temperatures than is possible when using mineral gear oils. The special characteristics of the synthetic base oils lead to a reduction in the operating temperature, further extending the service capability in arduous operating conditions, or improving fuel economy in normal service conditions. It is capable of significantly longer service intervals than conventional mineral gear oils, up to 2 times longer in transmissions and more than 3 times longer in drive axles.



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### Typical Properties

| Property (Unit)       | 75W-90 | Method       |
|-----------------------|--------|--------------|
| Density at +15 °C     | 865    | DIN 51757    |
| Viscosity @40°C, cSt  | 98     | DIN 51550    |
| Viscosity @100°C, cSt | 14.6   | DIN 51550    |
| Viscosity Index       | 178    | DIN ISO 2909 |
| Flash Point, °C       | 212    | DIN ISO 2592 |
| Pour Point, °C        | -42    | DIN ISO 3016 |

### Specifications

- API GL-4 / GL-5
- ZF TE-ML 02B / TE-ML 05B / TE-ML 12B / TE-ML 17B / TE-ML 21B
- ZF TE-ML 16F
- ZF TE-ML 19C
- ZF TE-ML 07A
- ZF TE-ML 08
- DAF Gearbox oil for ZF gearboxes
- DAF Gearbox oil for Eaton gearboxes
- Daimler MB 235.8
- MAN 341 Type E3
- MAN 3343 Type S
- Suitable for use in Scania trucks

### 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.