

# TEXOL GEAR OIL

## SAE 80W90 API GL-5



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**gandhar**  
oil refinery (india) ltd.

### Product Description

Texol® Gear Oil SAE 80W90 GL-5 is made using high quality paraffinic lube base stocks and carefully selected Gear Oil additives. These additives provide protection from wear, rust and oxidation. The extreme pressure additives based on Sulphur and Phosphorus chemistry resist high and shock loads and are free from Lead.

### Applications

Texol Gear Oil SAE 80W90 API GL-5 is used in automotive axles, hypoid Gears and Differentials operating under high speed to low speed; high torque conditions where GL-5 performance Gear Oil is required.

This product is also used in Heavy-Duty, Non-Synchronized Manual Transmissions & lightly loaded synchromesh transmissions. These Gear Oils are recommended in auto steering gears where GL-5 performance Gear Oils are prescribed.

### Features and Benefits

- Provides long life of manual transmissions gears.
- Excellent anti-wear and anti-rust protection.
- Minimal environmental degradation as the oil is free from Lead based additives.

### Specifications and Approvals

- API: GL-5
- SAE J306: 80W90

### Characteristics

| Key Properties              | Test Methods | Specification  | Value  |
|-----------------------------|--------------|----------------|--------|
| API                         | ---          | GL-5           | GL-5   |
| SAE Grade                   | ---          | 80W90          | 80W90  |
| Density @ 15°C              | ASTM D4052   | ---            | 0.8895 |
| Kinematic Viscosity @ 40°C  | ASTM D445    | ---            | 153.3  |
| Kinematic Viscosity @ 100°C | ASTM D445    | 13.5 to – 18.5 | 15.10  |
| Viscosity Index             | ASTM D2270   | 90 Min         | 99     |
| Flash Point °C              | ASTM D92     | 180 Min        | 242    |
| Pour Point °C               | ASTM D97     | (-) 27 Max     | (-) 27 |

### Health and Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from our Texol sales office.