



## GEAR TECHZ SAE 80W-90 API GL-5 AUTOMOTIVE GEAR OIL

### GENERAL PROFILE

Gear Techz SAE 80W-90 API GL-5 is heavy-duty gear oil formulated with high quality base stocks and extreme pressure additive (EP) additives. It is formulated to meet the increasing demands of current motoring conditions, which include high shock load, high torque and high speed service conditions.

### FEATURES & BENEFITS

1. Outstanding oxidation stability and anti-wear protection.
2. Long service life.
3. Excellent protection against rust and corrosion.
4. Good low and high temperature performance.
5. Suitable for synchromesh gearboxes.

### SPECIFICATION

API GL-5

### APPLICATION OF USE

It is recommended for manual gear applications, including synchromesh, fitted to automotive and commercial vehicles. It is recommended for front gearboxes. It is suitable for use in spiral bevel axles under moderate/severe conditions of speed/load and hypoid gears, trans-axles, transfer boxes, axles, swivel pin housings, hoist/winch gearboxes, slew gearboxes, chain drives, track drives, track rollers and idlers where OEM recommends this type of performance level.

### PHYSICAL CHARACTERISTICS

### TEST METHOD

### TYPICAL VALUE

|                              |            |        |
|------------------------------|------------|--------|
| SAE Grade                    |            | 80W-90 |
| Density @ 25°C, g/cc         | ASTM D4052 | 0.90   |
| K.Viscosity @ 100°C, cSt     | ASTM D445  | 17.00  |
| K.Viscosity @ 40°C, cSt      | ASTM D445  | 192.25 |
| Viscosity Index              | ASTM D2270 | 94     |
| Brookfield Viscosity @ -26°C | ASTM D     | 106000 |
| Pour Point, °C               | ASTM D97   | -15    |
| Flash Point, °C              | ASTM D92   | 240    |

\*Typical value does not constitute a specification

#### Health and Safety

This product used as our recommendation for intended application not expected to produce any particular risk. A safety data sheet of the product is available for a simple request from your sales contact office or via internet. In case of used oil elimination, please respect the regulation and protect the environment.