

## Description

**FORCE TOTO EP** is high performance gear lubricating oil is formulated from high quality base oil with selected additives, such as Extreme Pressure additive of sulphur phosphorus type which is Anglamol.

## Application

**FORCE TOTO EP** is suitable for lubricating hypoid type gear wheel or spiral bevel, at transmission, axle and steering box of vehicles engine with moderate duty operating condition.

**FORCE TOTO EP** is not suitable for automatic transmission.

## Benefits

- High load carrying ability – the special high performance additives system provide high level of protection against gear tooth wear.
- Superior thermal and oxidation stability – helps maintain clean bearing surfaces.
- The special additives protect ferrous metals against rusting in the presence of moisture.

## Performance

- ✓ API Service Classification GL-4,
- ✓ MILL-2105 and Mercedes Benz Sheet 235.1 requirement.
- ✓ Special approved with Mercedes Benz 235.1.

## Typical Result

| Characteristic                    | Test Method   | Toto Gear EP<br>75W-90 | Toto Gear EP<br>80W-90 | Toto Gear EP<br>85W-90 |
|-----------------------------------|---------------|------------------------|------------------------|------------------------|
| SAE Viscosity Grade               | -             | 75W-90                 | 80W-90                 | 85W-90                 |
| Specific Gravity, 15°C            | ASTM D - 4025 | 0.8899                 | 0.8936                 | 0.8971                 |
| Viscosity Kinematic, at 40°C, cSt | ASTM D - 455  | 110.90                 | 143.60                 | 208.31                 |
|                                   | ASTM D - 455  | 17.35                  | 14.52                  | 18.34                  |
| Viscosity Index                   | ASTM D - 2270 | 172                    | 99                     | 97                     |
| Color                             | ASTM D - 1500 | 0.5                    | L 2.5                  | L 2.5                  |
| Flash Point, (COC) °C             | ASTM D - 92   | 194                    | 210                    | 223                    |
| Pour Point, °C                    | ASTM D -5950  | -45                    | -35                    | -20                    |