

Q8 Axle Oil M 80W-90

API GL-5 axle fluid for Mercedes-Benz and ZF

Description

Q8 Axle Oil M 80W-90 is an advanced heavy duty gear lubricant. The specifically selected base oils and additives offer optimum lubrication in extreme pressure and shock loading situations. This product is recommended for heavy duty axles requiring API GL-5 specification.

Applications

Q8 Axle Oil M 80W-90 is recommended for heavy duty components such as rear axles, final drives or differentials, especially those with hypoid gears. It meets the API GL-5 specification and is applicable for on- and off-highway, construction, light and heavy duty trucks and commercial vehicles, operating under high speed/shock load, high speed/low torque or low speed/high torque conditions. Approved for Mercedes-Benz and ZF

Benefits

- Exceptional wear protection under heavy duty operating conditions.
- Extends axle life
- Outstanding elastomer compatibility
- Outstanding protection against rust and corrosion.
- Outstanding axle wear protection.

Specifications, recommendations and approvals

| | | | |
|-----------------------------|------------------|------------------------|-------------|
| API | GL-5 | MIL | L-2105D |
| British Ministry of Defence | CS 3000B | Rockwell International | O-76 |
| Case | MS 1316 | VME Americas | EEMS 19003F |
| Clark | ALC-1 5M 7-80 KE | Volvo | 97310 |
| Clark | MS-8 Rev. 1 | ZF | TE-ML 07A |
| Clark | TLC-25 3M 8-83 | ZF | TE-ML 08 |
| DAF | | ZF | TE-ML 16B |
| Eaton/Fuller | Form 121 | ZF | TE-ML 17B |
| Ford | SM-2C-1011A | ZF | TE-ML 21A |
| MB | 235.0 | | |

Color code blue = officially approved

Properties

| | Method | Unit | Typical |
|-----------------------------------|--------|--------------------|---------|
| Density, 15 °C | D 4052 | g/ml | 0,896 |
| Viscosity Grade | - | - | 80W-90 |
| Kin. Viscosity Base Oil at 40 °C | D 445 | mm ² /s | 130 |
| Kin. Viscosity Base Oil at 100 °C | D 445 | mm ² /s | 16.5 |
| Viscosity Index | D 2270 | - | 136 |
| Brookfield Viscosity, -26 °C | D 2983 | Pa.s | 40 |
| Flash Point, P-M | D 93 | °C | 215 |
| Pour Point | D 97 | °C | -39 |

The figures above are not a specification. They are typical figures obtained within production tolerances.