

## Q8 SuperAxle M 80W-90

SAE J2360 axle fluid

### Description

Q8 SuperAxle M 80W-90 is a superior axle fluid for commercial vehicles that provides best-in-class durability, cleanliness and fuel economy benefits as well as extended drain intervals in severe operating conditions. This product protects against metal-to-metal wear, preventing component damage and failure, and eliminates noise to maximise the reliability of your vehicle.

### Applications

Q8 SuperAxle M 80W-90 is recommended for use in axle and final drive applications where extended oil drain intervals and heavy load carrying is required. It is recommended for European OEMs including Mercedes-Benz, MAN and Scania, demonstrating proven quality over and above the industry standard. This lubricant exceeds the requirements of SAE J2360.

### Benefits

- Full synthetic formulation to provide an extreme thermal stability.
- Exceptional wear protection under heavy duty operating conditions.
- Outstanding protection against rust and corrosion.
- Outstanding protection against wear and extends component life.
- Outstanding elastomer compatibility

### Specifications, recommendations and approvals

|                  |                                |    |           |
|------------------|--------------------------------|----|-----------|
| API              | GL-5                           | ZF | TE-ML 05B |
| API              | MT-1                           | ZF | TE-ML 07A |
| Daimler Truck AG | <b>DTFR 12B110 (MB 235.20)</b> | ZF | TE-ML 08  |
| MAN              | 341 Type GA1                   | ZF | TE-ML 12E |
| MAN              | 342 Type M3                    | ZF | TE-ML 12L |
| MIL              | PRF-2105E                      | ZF | TE-ML 12M |
| Mack             | GO-J                           | ZF | TE-ML 16B |
| Meritor          | 076D                           | ZF | TE-ML 16C |
| Meritor          | 076N                           | ZF | TE-ML 16D |
| SAE              | J 2360                         | ZF | TE-ML 17B |
| Scania           | STO 1:0                        | ZF | TE-ML 19B |
| ZF               | TE-ML 05A                      | ZF | TE-ML 21A |

Color code blue = officially approved

### Properties

|                              | Method | Unit               | Typical    |
|------------------------------|--------|--------------------|------------|
| Density, 15 °C               | D 4052 | g/ml               | 0,896      |
| Viscosity Grade              | -      | -                  | SAE 80W-90 |
| Kinematic Viscosity, 40 °C   | D 445  | mm <sup>2</sup> /s | 139.5      |
| Kinematic Viscosity, 100 °C  | D 445  | mm <sup>2</sup> /s | 15.0       |
| Viscosity Index              | D 2270 | -                  | 118        |
| Brookfield Viscosity, -26 °C | D 2983 | Pa.s               | 135        |
| Pour Point                   | D 97   | °C                 | -30        |
| Flash Point, P-M             | D 93   | °C                 | 215        |

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

### Remarks

Product Data Sheet includes a selection of specifications, for full overview please consult the Q8Oils website.