

## Q8 T 55 SAE 90

API GL-5 axle fluid

### Description

Q8 T 55 SAE 90 is an advanced heavy duty gear lubricant. The specifically selected base oils and additives offer optimal lubrication in extreme pressure and shock loading situations. This product is recommended for heavy duty axles requiring API GL-5 specification.

### Applications

Q8 T 55 SAE 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.

### Benefits

- Exceptional wear protection under heavy duty operating conditions.
- Outstanding protection against wear and extends component life.
- Superb gear protection under shock load conditions.
- Outstanding protection against rust and corrosion.
- Very shear stable formulation

### Specifications, recommendations and approvals

|                 |                  |                        |           |
|-----------------|------------------|------------------------|-----------|
| API             | GL-5             | MB                     | 235.0     |
| Case            | MS 1316          | MIL                    | L-2105B   |
| Clark           | ALC-1 5M 7-80 KE | Rockwell International | O-76      |
| Clark           | MS-8 Rev. 1      | Volvo                  | 97310     |
| Clark           | TLC-25 3M 8-83   | ZF                     | TE-ML 05A |
| Ford            | SM-2C-1011A      | ZF                     | TE-ML 07A |
| Ford            | SQM-2C9002-AA    | ZF                     | TE-ML 12A |
| Iveco           | 18-1805 RAM1     | ZF                     | TE-ML 16B |
| John Deere      | JDM J11E         | ZF                     | TE-ML 16C |
| Komatsu Dresser | B22-0003         | ZF                     | TE-ML 17B |
| Komatsu Dresser | B22-0005         | ZF                     | TE-ML 19B |
| MAN             | 342 Type M1      | ZF                     | TE-ML 21A |

Color code blue = officially approved

### Properties

|                             | Method | Unit               | Typical |
|-----------------------------|--------|--------------------|---------|
| Density, 15 °C              | D 4052 | g/ml               | 0,895   |
| Viscosity Grade             | -      | -                  | SAE 90  |
| Kinematic Viscosity, 40 °C  | D 445  | mm <sup>2</sup> /s | 171.5   |
| Kinematic Viscosity, 100 °C | D 445  | mm <sup>2</sup> /s | 16.55   |
| Viscosity Index             | D 2270 | -                  | 101     |
| Pour Point                  | D 97   | °C                 | -24     |
| Flash Point, P-M            | D 93   | °C                 | 166     |

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.