Q8 T 55 80W-140

Description
Automotive gear lubricant

Application
- In heavy-duty drive-line components such as rear axles, final drives or differentials, especially those having hypoid gears

Recommendations
- Q8 T 55 may be used in drive-line components, when one or more of the following specifications are used to describe the required lubricant quality:

Specifications
- API GL-5
- MIL-L-2105D (multi-grades)
- MIL-L-2105B (mono-grades)
- British Ministry of Defence CS 3000B
- JI Case MS 1316 (manual shift transmissions, axles, gear trains)
- Clark MS-8 Rev.1 (axles)
- Clark Form No. ALC-1 5M 7-80 KE (drive axles)
- TLC-25 3M 8-83 (manual transmissions)
- John Deere JDM J11D/E (manual transmissions)
- Eaton Bulletin 2053 (manual transmissions, oil temp. < 110 °C)
- Eaton Bulletin 6007 (drive axles)
- Eaton/Fuller Bulletin 2052 (twin countershaft transmissions, oil temp. < 110 °C)
- Ford SM-2C-1011A (commercial gearboxes)
- SQM-2C9002-AA (hypoid gears)
- Fuller Form 121 (manual transmissions, R and RT series, oil temp. < 110 °C)
- General Motors Pt. no. 88 63 370 (hypoid gears)
- 85 476 (passenger car standard differential axles)
- Komatsu Dresser B22-0003 (worm, spur, bevel gears, manual transmissions, track rollers, transfer cases)
- Komatsu dresser B22-0005 (axles)
- MAN 342 (axles)
- Mercedes-Benz page 235.0 (axles, transfer cases)
- Rockwell International 0-76 (hypoid, spiral bevel, planetary gear axles)
- VME Americas EEMS 19003F (differential, planetaries and gearboxes)
- Volvo 97310 (final drives in motor vehicles, not limited slip)
- ZF TE-ML 05A (axles off-road vehicles)
- ZF TE-ML 07A (transmissions and hydrostatic systems)
- ZF TE-ML 12A (axles for cars, trucks and buses)
- ZF TE-ML 16B/C/D (transmissions for rail vehicles)
- ZF TE-ML 17B (transmissions and axles lift vehicles)
- ZF TE-ML 19B (transfer and offset transmissions for commercial vehicles)
- ZF TE-ML 21A (tractor front axles, transmissions for harvesters and final drives)

Benefits
- Provides good wear protection under heavy duty conditions
- Extends drive-line component life
- Good gear protection even under shock load conditions
- Satisfactory elastomer compatibility
- Prohibits corrosion
- Protects against rust

- Various viscosity grades available to enable optimal lubricant selection
- Very shear stable formulations

Properties	Method	Unit	Typical
Viscosity Grade			SAE 80W-140
Absolute Density, 15 °C	D 1298	kg/m³	906
Kinematic Viscosity, 40 °C	D 445	mm²/s	247.3
Kinematic Viscosity, 100 °C	D 445	mm²/s	26.0
Viscosity Index	D 2270	-	128
Brookfield Viscosity, -40 °C	D 2938	Pa.s	-
Brookfield Viscosity, -26 °C	D 2938	Pa.s	110
Brookfield Viscosity, -12 °C	D 2938	Pa.s	-
Flash Point	D 93	°C	178
Pour Point	D 97	°C	-27

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