Q8 T 35 80W-90

Description
Automotive transmission lubricant

Application
- In moderate duty drive-line components especially synchromesh manual transmissions

Recommendations
- Q8 T 35 may be used as gear lubricant in drive-line components, when one or more of the following specifications are used to describe the required lubricant quality:

Specifications
- API GL-4
- John Deere JDM J11B (manual transmissions)
- Eaton Bulletin 2053 (manual transmissions, oil temp. < 110 °C)
- Eaton/Fuller Bulletin 2052 (twin countershaft transmissions, oil temp. < 110 °C)
- Ford SM-2C-1011A (commercial gearboxes)
- Ford SQM-2C9008-A (manual transmissions)
- Fuller Form 121 (manual transmissions, R and RT series, oil temp. < 110 °C)
- General Motors Pt. no. 19 40 75 (90 001 777) (manual transmissions)
- MAN 341 Z-2/E-1 (manual transmissions)
- Mercedes-Benz page 235.1 (most truck manual transmissions)
- ZF TE-ML 02B (truck and bus transmissions)
- ZF TE-ML 08 (steering systems)
- ZF TE-ML 17A (transmissions and axles lift trucks)
- ZF TE-ML 16A (SAE 90, transmissions for rail vehicles)
- ZF TE-ML 19A (Transfer and offset transmissions for commercial vehicles)

Benefits
- Excellent gear shifting
- Limits synchromesh wear
- Protects against gear wear and extends equipment life
- Stay-in grade shear stability
- Prohibits corrosion and protects against rust

Properties	Method	Unit	Typical
Viscosity Grade			SAE 80W-90
Absolute Density, 15 °C	D 1298	kg/m³	892
Kinematic Viscosity, 40 °C	D 445	mm²/s	145.4
Kinematic Viscosity, 100 °C	D 445	mm²/s	14.57
Viscosity Index	D 2270	-	99
Brookfield Viscosity, -26 °C	D 2938	Pa.s	153
Brookfield Viscosity, -40 °C	D 2938	Pa.s	-
Flash Point	D 93	°C	178
Pour Point	D 97	°C	-24

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