Q8 Auto 14

Description
Automatic transmission fluid

Application
- In automatic transmissions of most passenger cars, buses, off-highway/construction and military equipment as well as in selected manual transmissions
- Also suitable as power steering fluid and as hydraulic fluid

Recommendations
- Q8 Auto 14 may be used as automatic/manual transmission fluid or power steering fluid, when one or more of the following specifications are used to describe the required lubricant quality:

Specifications
- Allison C - 4 (automatic transmissions)
- Caterpillar TO - 2 (transmissions)
- Chrysler MS-6704A (automatic transmissions)
- Clark Form TLC-25 3M 8-83 (power shifted transmissions and converters)
- Ford ESP-M2C138-CJ (C3 automatic transmissions since 1981)
- Ford ESP-M2C166-H (C5 automatic transmissions)
- Ford ESD-M2C186-A (MT 75 transmission, top-up only)
- Ford SQM-2C9010-A (automatic transmissions since 1981)
- Ford SQM-2C9010-B (reduction drive, 4 wheel drive only)
- Ford WSP-M2C185-A (Mercon)
- General Motors IID, GM 6137M (automatic transmissions)
- Komatsu Dresser B22-0004 (transmissions)
- MAN 339 Type Z-1 (previous type D) (ZF automatic transmissions)
- MAN 339 Type V-1 (previous type D) (Voith automatic transmissions)
- Mercedes-Benz page 236.1, 236.5 (automatic and selected transmissions)
- Renk Doromat (automatic transmissions)
- Voith 55.6335.3X (previous G-607) DIWA D85.., D86.. and D502- type automatic transmissions (with retarder)
- VME Americas EEMS 19088G (automatic/semi-automatic transmissions, hydraulics, power steering)
- Volvo 97340 (automatic transmissions)
- Volvo 97325 (hydraulic converters and power steering)
- Volvo 97335 (hydraulic converters, automatic transmissions, power steering)
- ZF TE-ML 02F (manual and automatic transmissions, trucks and buses)
- ZF TE-ML 03D (converter transmissions)
- ZF TE-ML 04D (Ship transmissions)
- ZF TE-ML 14A (truck, bus and off-highway Ecomat automatic transmissions)
- ZF TE-ML 17C (transmissions, axles forklift trucks)
- MB 236.7 (power steering)

Benefits
- Universal ATF reduces product storage and handling costs
- Provides immediate lubrication after cold starting
- Withstands high temperatures caused by retarder operation
- Incorporates well balanced friction modifier system
- Possesses good oxidation stability and elastomer compatibility
- Offers smooth gear shifting and power steering performance
- Limits transmission wear and extends transmission life
- Prevents formation of foam and protects against rust and corrosion

- Can be used as ISO VG 32/46 hydraulic oil

Properties	Method	Unit	Typical
Absolute Density, 15 °C	D 1298	kg/m³	868
Kinematic Viscosity, 40 °C	D 445	mm²/s	35.9
Kinematic Viscosity, 100 °C	D 445	mm²/s	7.4
Viscosity Index	D 2270	-	178
Brookfield Viscosity, -40 °C	D 2938	Pa.s	32
Flash Point	D 93	°C	170
Pour Point	D 97	°C	-45

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