Q8 T 2200

Description
Universal contractor transmission oil

Application
- In off-highway/construction and agricultural equipment having separate engine lubricants
- as drive-line lubricant
- as oil-immersed brake/clutch fluid
- as hydraulic fluid
- as transmission lubricant

Recommendations
- Q8 T 2200 may be used as lubricant in off-highway/construction and agricultural equipment, when one or more of the following specifications are used to describe the required lubricant quality:

Specifications
- API GL-4
- Case MS 1207 (Hy-Tran Plus, transmissions, hydraulics, wet brakes)
- Case MS 1209, MS 1210 (Hy-Tran Ultra, transmissions, hydraulics, wet brakes)
- Deutz-Allis AC Power Fluid 821 XL (transmissions, final drives, wet brakes, hydraulics)
- John Deere JDM J20C(transmissions, hydraulics, wet brakes)
- John Deere JDM 3000
- Ford WSN-M2C48-C2 (hydraulics for industrial tractors)
- Ford ESN-M2C134-D (transmissions, rear axles, wet brakes, hydraulics)
- New Holland NH 410B
- CNH MAT 3505
- CNH MAT 3506
- CNH MAT 3525
- Komatsu Dresser B06-0002 (transmissions, hydraulics, wet brakes)
- Komatsu KES 07.866 (wet brakes, axles)
- Massey Ferguson CMS M 1135 (transmissions, hydraulics, wet brakes)
- Massey Ferguson CMS M 1141 (transmissions, hydraulics, wet brakes - highly loaded)
- Massey Ferguson CMS M 1143 (transmission and hydraulic oil)
- Massey Ferguson CMS M 1145 (transmission, hydraulics, wet brakes)
- Volvo 97302-10 (transmission with built in wet brakes)
- Volvo Transmission Oil 97303:017, WB 101
- White New Idea Q-1802 (hydraulics)
- White New Idea Q-1826 (transmissions)
- Allison C-4 (automatic transmissions)
- Caterpillar TO-2 (transmissions)
- ZF TE-ML 03E
- ZF TE-ML 05F
- ZF TE-ML 06K
- ZF TE-ML 17E
- FNHA-2-C-200.00

Benefits
- Optimal frictional characteristics
- Reduces wet brake noise, thus maintains brake capacity while limiting friction plate wear
- Provides good transmission lubrication
- Protects equipment against rust



- Prevents equipment component corrosion
- Suitable for use as hydraulic fluid
- Contains effective anti-foam agent
- Compatible with conventional elastomers, thus avoiding leakage

Properties	Method	Unit	Typical
Absolute Density, 15 °C	D 1298	kg/m³	883
Kinematic Viscosity, 40 °C	D 445	mm²/s	55.1
Kinematic Viscosity, 100 °C	D 445	mm²/s	9.81
Kinematic Viscosity, 100 °C, after shear test	DIN 51350-6	mm²/s	7.4
Viscosity Index	D 2270	-	165
Brookfield Viscosity, -10 °C	D 2983	mPa.s	1200
Brookfield Viscosity, -26 °C	D 2983	mPa.s	8000
Flash Point, P-M	D 93	°C	208
Pour Point	D 97	°C	-30
FZG Gear Test, A/8,3/90, Failure Loadstage	DIN 51354/2		11

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

