

## Q8 T 1000 (D) 10W-30

### Description

Super tractor oil universal

### Application

- In agricultural and off-highway/construction equipment, especially European made,
- as engine lubricant
- as transmissions lubricant
- as final drive lubricant
- as oil-immersed brake/clutch fluid
- as hydraulic fluid

### Recommendations

- Q8 T 1000 D 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 CF-4/SF
- API CI-4 level of soot control
- ACEA E2
- ACEA E7 level of soot control, wear and piston cleanliness
- API GL-4
- MB 227.1
- MB 228.1 engine performance in SAE 10W-30
- MB 228.3 level of piston cleanliness
- Case MS 1118 (engines)
- Case MS 1207 (Hy-Tran Plus, transmissions, hydraulics, wet brakes)
- Case MS 1209 (Hy-Tran Ultra, transmissions, hydraulics, wet brakes)
- Ford ESN-M2C41-B (transmission, power steering)
- Ford ESN-M2C121-E (engine oil CE/SF service-fill)
- Ford ESN-M2C134-D (transmissions, rear axles, wet brakes, hydraulics)
- Ford ESN-M2C159-C (Tractor Oil, Super Universal)
- John Deere JDM J27 (transmissions, hydraulics, wet brakes)
- John Deere JDM J20C (transmissions, hydraulics, wet brakes)
- Massey Ferguson CMS M 1127 (transmissions, hydraulics, wet brakes)
- Massey Ferguson CMS M 1135 (hydraulics, transmissions, wet brakes)
- Massey Ferguson CMS M 1139 (Super Tractor Oil Universal)
- Massey Ferguson CMS M 1141 (transmissions, hydraulics, wet brakes - highly loaded)
- Massey Ferguson CMS M 1144 (Super Multi-Functional Tractor Oil)
- Massey Ferguson CMS M 1145 (Service fill for GBA 15 & 25 transmissions and hydraulic oil)
- New Holland NH 024C
- New Holland NH 324B
- New Holland NH 410B
- New Holland NH 540B
- CNH MAT 3525
- Same-Deutz-Fahr
- ZF TE-ML 06B (ZF TE-ML 06B embraces ZF TE-ML 06C)
- ZF TE-ML 06D
- ZF TE-ML 06N
- ZF TE-ML 07B
- Allison C-4 (automatic transmissions)
- Caterpillar TO-2 (transmissions)

- MIL-L-2104D

## Benefits

- Reduces lubricant storage and handling costs
- Avoids use of wrong product
- Suitable for diesel and gasoline engines fitted in tractors and off-highway/construction equipment
- Avoids IPTO (independent power take off) clutch slippage
- Limits wet brake noise, thus maintains brake capacity while limiting friction plate wear
- Provides good transmission lubrication
- Protects equipment against rust
- Prevents equipment component corrosion
- Good hydraulic fluid properties
- Low viscosity grade will provide quick response of hydraulic components
- Prevents formation of foam
- Offer good compatability with conventional elastomers

Properties	Method	Unit	Typical
Viscosity Grade			SAE 10W -30
Absolute Density, 15 °C	D 1298	kg/m <sup>3</sup>	879
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	67.8
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	10.77
Viscosity Index	D 2270	-	149
Borderline Pumping Temperature	D 3829	°C	-33
Flash Point	D 93	°C	222
Pour Point	D 97	°C	-36
FZG Load stage	DIN 51354-2	-	> 12

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