PRODUCT DATA SHEET

# Q8 T 2500

*Synthetic transmission and hydraulic oil for extreme working conditions*

## Description

*Q8 T 2500 is a synthetic low viscosity transmission and hydraulic oil with outstanding anti-scuffing performance in the most extreme working conditions. It reduces wet brake noise and improves smooth braking thanks to its high temperature stability. Q8 T 2500 offers an excellent oxidation stability, outstanding lubricating properties and protects against rust and corrosion.*

## Applications

*Q8 T 2500 is used for Volvo Construction Equipment requiring Volvo WB 102 fluid. It is used to lubricate transmissions, wet brake/clutch and hydraulic systems. This oil also meets the requirements of several other OEMs such as ZF.*

## Benefits

- *Superb oxidation stability.*
- *Outstanding frictional properties for smooth brake operation.*
- *Outstanding viscosity retention providing highest gear protection.*
- *Limits wet brake noise while limiting friction plate wear.*
- *Excellent response of hydraulic components.*

## Specifications, recommendations and approvals

| | | | |
|---|---|---|---|
| **API** | GL-4 | **Massey Ferguson** | CMS M 1110 |
| **Allison** | C-4 | **Massey Ferguson** | CMS M 1127-B |
| **Case** | MS 1206 | **Massey Ferguson** | CMS M 1135 |
| **Case** | MS 1207 | **Massey Ferguson** | CMS M 1141 |
| **Case** | MS 1209 | **Massey Ferguson** | CMS M 1143 |
| **Case** | MS 1210 | **Massey Ferguson** | CMS M 1145 |
| **Case New Holland** | MAT 3505 | **New Holland** | NH 410-C |
| **Case New Holland** | MAT 3525 | **Volvo** | 97304 (WB 102) |
| **Case New Holland** | MAT 3526 | **ZF** | TE-ML 03E |
| **Ford** | M2C86-C | **ZF** | TE-ML 03F |
| **John Deere** | JDM J20C | **ZF** | TE-ML 05F |
| **John Deere** | JDM J20D | **ZF** | TE-ML 06K |
| **Kubota** | Super UDT2 | | |

## Properties

| | *Method* | *Unit* | *Typical* |
|---|---|---|---|
| *Viscosity Grade* | *SAE J306* | *SAE* | *75W-75* |
| *Density, 15 °C* | *D 4052* | *g/ml* | *0,859* |
| *Density, 20 °C* | *D 4052* | *g/ml* | *0,856* |
| *Kinematic Viscosity, 40 °C* | *D 445* | *mm²/s* | *39.5* |
| *Kinematic Viscosity, 100 °C* | *D 445* | *mm²/s* | *7.7* |
| *Viscosity Index* | *D 2270* | *-* | *181* |
| *Brookfield Viscosity, -40 °C* | *D 2983* | *Pa.s* | *18,5* |
| *Pour Point* | *D 97* | *°C* | *-48* |
| *Flash Point, COC* | *D 92* | *°C* | *228* |

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

## Remarks

*Product Data Sheet includes a selection of specifications, for full overview please consult the Q8Oils website.*

## Sustainability

*The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 T 2500 is **1.36** kg $CO_2$eq / kg.*
*Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.*
*To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.*
*For more info check here*

we take care

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

VINÇOTTE