PRODUCT DATA SHEET

Q8 Terra 2500 UTTO

Synthetic transmission and hydraulic oil for extreme working conditions

Description

Q8 Terra 2500 UTTO 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 Terra 2500 UTTO offers an excellent oxidation stability, outstanding lubricating properties and protects against rust and corrosion.

Applications

Q8 Terra 2500 UTTO 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 J20D	**ZF**	TE-ML 05F
Kubota	Super UDT2	**ZF**	TE-ML 06K

Properties

	Method	Unit	Typical
Viscosity Grade	*SAE J300*	*SAE*	*10W-20*
Viscosity Grade	*SAE J306*	*SAE*	*70W-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 Terra 2500 UTTO is ***1.36*** *kg CO_2eq / 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