Ubuntu UTTO

Universal tractor transmission oil

UB-TDS-027 | Revision 0.1 | 16 October 2026

Applications

Tractor transmissions, final drives, hydraulics, wet brakes and power steering where a THF-type fluid is specified.

Performance features

Wet-brake friction control; transmission load carrying; thermal stability.

Reference performance specifications

API GL-4 Denison HF-O Caterpillar TO-2 Ford New Holland M2C-134D Ford New Holland MAT 3525 and 3526 Massey Ferguson M1135, M1143, M1145; John Deere J20C JI Case MS1206 GM Allison C-3 Sperry Vickers MI-286-S ZF TE-ML 06A,B(also includes ZF TE-ML 06R), C and 07B

Reference designations require verification for the Ubuntu formulation. Ubuntu certification, licensing and OEM approval have not been established.

Reference typical characteristics

SAE Viscosity Grade	Unit	10W
Kinematic Viscosity @ 40C	cSt	68
Kinematic Viscosity @ 100C	cSt	11
Viscosity Index		153
Pour Point	C	-36
Flash Point (PMCC)	C	212
TBN	mgKOH/gm	9.3
Density @ 20C	kg/l	0.878

Application notes

The published SAE designation is 10W, while the typical viscosity is 68 cSt at 40 C and 11 cSt at 100 C. Verify the grade designation. This transmission fluid is not presented as an engine oil.

DRAFT: Technical values have not been verified for the Ubuntu formulation. Confirm product identity, batch data, specifications and the applicable safety data sheet before release or use. Typical values are not manufacturing limits.