

Description

Universal tractor transmission lubricant oil (U.T.T.O.). Its carefully elaborated formula makes it suitable for use in gearboxes, differential conic assemblies, power take-offs, hydraulic systems, wet brakes (synthesized or compound) and clutches.

Properties

- Excellent anti-wear protection and loading capacity, even in extreme working conditions.
- Good rust resistance and compatibility with joint materials.
- Its friction characteristics are carefully formulated to eliminate screeching in wet brakes and the sliding action in power take-offs mechanisms.
- Its versatility makes it suitable for use with a wide variety of agricultural machinery.
- Certified by the major tractor manufacturers.
- Viscosity 10W-30 as hydraulic oil, not for use as a motor oil.

Quality levels, approvals and recommendations

- API GL-4/SAE 80W
 - FORD M2C 134D/CNH MAT 3525
 - ALLISON C-4
 - JOHN DEERE J-20C
 - VOLVO WB 101
 - PARKER DENISON UTTO/THF
 - ZF TE-ML 03E/05F/17E/21F* (ZF approval number ZF003445)
 - MANULI*
 - CATERPILLAR TO-2
 - MASSEY FERGUSON M-1145/M-1143
 - KUBOTA UDT
- *Formal approval

Technical specifications

	UNIT	METHOD	VALUE
Density at 15 °C	g/mL	ASTM D 4052	0,883
Viscosity at 100 °C	cSt	ASTM D 445	10,8
Viscosity at 40 °C	cSt	ASTM D 445	65
Viscosity index	-	ASTM D 2270	> 140
Flash point, open cup	°C	ASTM D 92	> 180
Pour point	°C	ASTM D 97	-33

The above mentioned characteristics are typical values and should not be considered product specifications.