



UTF






Universal Tractor Transmission Oil

UTF is a premium universal tractor fluid formulated from high quality base stocks blended with an optimized detergency and balanced friction additive systems. It is designed to meet the demanding requirements of today's farm tractor transmissions. This oil is particularly useful in imparting friction stability to tractor oils for a robust performance in wet-brakes, pumps, and transmissions.




Product Applications:

-  Mixed fleet agricultural equipment of Ford, Massey Ferguson, John Deere, and other tractor transmission manufacturers
-  Non-farm applications that have wet brakes, power shift transmissions, differentials and hydraulics with an advanced off-road performance

Performance Benefits:

-  Excellent frictional characteristics
-  Good low temperature fluidity for safe lubrication during cold temperature
-  Outstanding oxidation and deposit performance
-  Superb load carrying and wear protection for gears
-  Advanced yellow-metal protection to prevent bronze transfer in hydraulic cylinders

Performance Level:

-  **UTTO Transmission Spécifications**
Meets: John Deere J20C, J20D; Ford M2C86B, C, Ford M2C134D; CNH MAT 3525, 3526
 Massey Ferguson: M1135, M1143, M1145; Caterpillar TO-2
-  **Hydraulics Spécifications**
Meets: Sperry Vickers/Eaton: M2950S, I-280-S; JCMAS HKP P-041
 Saucer Sunstrand/Danfoss: Hydrostatic Trans Fluid
-  **Wet Brakes:** Suitable

TYPICAL SPECIFICATIONS:			
Test Parameters	Test Method	Results	
Product Name		UTF 20	UTF 30
SAE Viscosity Grade		10W-30	80W
Kinematic Viscosity @ 100°C, cSt	ASTM D7042	9.71	10.1
Kinematic Viscosity @ 40°C, cSt	ASTM D7042	60.5	85.7
Viscosity Index	ASTM D2270	145	98
Density @ 15°C, kg/L	ASTM D4052	0.844	0.860
Pour Point, °C (max)	ASTM D97	-35	-30
Flash Point COC, °C (max)	ASTM D3828	210	215
Brookfield Viscosity @ -18°C, cP	ASTM D2983	3,500	3,800
Brookfield Viscosity @ -26°C, cP	ASTM D2983	-	53,000
Brookfield Viscosity @ -35°C, cP	ASTM D2983	55,500	-

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