



Universal Tractor Fluid

Tractor Hydraulic Fluid

Description

Castrol UTF, Universal Tractor Fluid, is a premium hydraulic/transmission fluid that exceeds the refill and service top-up needs of farm and industrial tractor transmission, differentials, and immersed disc brakes.

Castrol UTF is compounded with anti-wear, extreme pressure, anti-oxidant, and friction control additives and foam and corrosion inhibitors. Castrol UTF couples this unique additive package with highly refined base oils and a shear stable viscosity index improver for a balanced package.

Advantages

- Contains additives that provide noted frictional characteristics for proper and decisive functioning of multi-disc clutches used in power shift type transmissions and in oil-immersed disc brakes.
 - Chatter-free power transfer for wet brakes for longer equipment life.
- Balanced chemistry to control water contamination with no loss of performance.
 - Better productivity and longer equipment life.
- Noted seal swell additives to maintain size, hardness and strength of elastomers, seals and gaskets.
 - Maximum system performance for better productivity.
- Low pour point to provide mobility and prompt lubrication at low ambient temperatures.
 - Better productivity through year round operation. Less repair costs. Longer equipment life.
- Excellent anti-wear package to Prevent scoring and gear wear.
 - Provides excellent load carrying capacity and wear protection under all load conditions.
- Shear stable viscosity improver for minimal viscosity change in applications such as torque converters and hydrostatic drives under very high temperatures.
 - Longer equipment life. Less wear under severe conditions.
- Compatibility with all seal materials. Assured miscibility with other tractor fluids.
 - Less inventory for reduced costs.

Warranty and Protection Requirements:

- Meets or exceeds OEM requirements for applications requiring a tractor hydraulic fluid meeting the specifications listed below:

OEM Specifications:

- **Allis Chalmers** Power Fluid 821
- **Case/New Holland** MS-1207/Hy-Tran Plus, MS-1210/TCH, MS-1204/TFD Fluid, MS-1205/TFD-II Fluid, MS-1206/PTF Fluid, JIC-145, JIC-185, B-6/Hy-Tran, CNH MAT 3505 (MS-1209 Hy-Tran Ultra Fluid), Ambra Mastertrans Fluid, CNH MAT 3525 (M2C-134D), Multi G & Multi G 134, Nexplora Fluid
- **Caterpillar** TO-2
- **John Deere** J20A, J20C, JD303, J14B, J14C
- **Deutz-Allis** AC Power Fluid 821 XL
- **Ford Tractor** M2C53A, M2C53C, M2C21A/B, M2C86B/C, M2C134A/B/C/D, M2C77A

- **Kubota** Universal Transdraulic Fluid, UDT Fluid

OEM Specifications:

- **Massey Ferguson** M-1110, M-1127 A/B, M-1129-A, M-1135, M-1141 (Permatran III)
- **Oliver/White** Q-1766B, UHTF Type 55, Q-1722, 102082, Q-1826
- **Sperry Vickers** Pass on Pump Tests ASTM-D2882 and 35VQ25
- **Volvo** WB-101
- **ZF** 03E, 05F

Typical Physical Characteristics

Test	Method	Typical Results
Viscosity, 40° C, cSt	ASTM D-445	56
Viscosity, 100° C, cSt	ASTM D-445	9.7
Viscosity @ 100F, SUS	ASTM D-2161	285
Viscosity @ 210F, SUS	ASTM D-2162	58
Viscosity Index	ASTM D-2270	160
Flash Point, °C (°F)	ASTM D-92	215(419)
Pour Point, °C (°F)	ASTM D-97	-37(-35)
Cold Crank Vis, -25C, cP	ASTM D-5293	6272
Gravity, API	ASTM D-287	29
Pounds per Gallon	ASTM D-287	7.34
Specific Gravity @60F, g/ml	ASTM D-1298	0.8834

* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. subject to change without notification. Typical properties may vary slightly.

Additional Information

Part Numbers and UPCs

5 Gal. Pail Part No.	20167
55 Gal. Drum Part No.	20169
260 Gal. Tote Part No.	201647
Bulk	20160

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