



## 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, CNH MAT 3505 (MS-1209 Hy-Tran Ultra Fluid), CNH MAT 3525 (M2C-134D)
- Caterpillar TO-2
- John Deere J20C
- Deutz-Allis AC Power Fluid 821 XL
- Ford Tractor M2C86B/C
- Massey Ferguson M-1135, M-1141 (Permatran III)
- Sperry Vickers Pass on Pump Tests ASTM-D2882 and 35VQ25
- Volvo WB-101

## 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.

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