



## CASTROL UTF

**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.

FEATURES	ADVANTAGES	BENEFITS
Additives that provide noted frictional characteristics.	Assured proper and decisive functioning of multi-disc clutches used in power shift type transmissions and in oil-immersed disc brakes. Excellent control over brake chatter (shudder, squawk, etc.)	Chatter-free power transfer for wet brakes for longer equipment life.
Balanced chemistry to control water contamination.	Water tolerance with no loss of performance.	Better productivity and longer equipment life.
Noted seal swell additives.	Maintain size, hardness and strength of elastomers, seals and gaskets.	Maximum system performance for better productivity.
Low Pour Point.	Mobility and prompt lubrication at low ambient temperatures.	Better productivity through year round operation. Less repair costs. Longer equipment life.
Excellent Anti-Wear package.	Prevent scoring and gear wear. Provides excellent load carrying capacity and wear protection under all load conditions.	Longer equipment life and less maintenance.
Shear Stable viscosity index improver.	Minimal viscosity change in such applications as torque converts and hydrostatic drives under very high temperatures.	Longer equipment life. Less wear under severe conditions.
Balanced formulation.	Compatibility with all seal materials. Assured miscibility with other tractor fluids.	Less inventory for reduced costs.
Excellent rust and corrosion inhibitors, anti-foam additives and oxidation inhibitors.	Protects susceptible parts against rust. Excellent resistance to oil degradation due to oxidation at high temperatures.	Less maintenance costs.

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(over)



## APPLICATIONS & APPROVALS

Allis Chalmers	Power Fluid 821
Case/New Holland(IH)	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 (M2C134D), Multi G & Multi G 134, Nexple Fluid
Caterpillar	TO-2
John Deere	J20A, J20C, JD303, Quatrol <sup>®</sup> (Identification No. 55), J14B, J14C
Deutz-Allis	AC Power Fluid 821XL
Ford Tractor	M2C53A, M2C53C, M2C41A/B, M2C86B/C, M2C134A/B/C/D, M2C77A
Kubota	Universal Transdraulic Fluid, UDT Fluid
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 D-2882 and 35VQ25
Volvo	WB-101
ZF	03E, 05F

## TYPICAL ANALYSIS

<b>Part No.</b>	<b>2016</b>
Viscosity @ 40° C, cSt	55.89
Viscosity @ 100° C, cSt	9.39
Viscosity @ 100° F., SUS	284.9
Viscosity @ 210° F., SUS	57.47
Viscosity Index	151
Flash Point, °C (°F.)	215(420)
Pour Point, °C (°F.)	-37(-34)
Gravity, °API	30.1
Specific Gravity @ 60° F.	0.8856
Pounds per Gallon	7.291
CCS @ -18° C, cP	230