



Product Data

Universal Tractor Fluid

Tractor Hydraulic Fluid

Description

Castrol Universal Tractor Fluid (UTF) 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. This fluid 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.

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.

Product Performance Claims

Suitable for use in the following applications:

API GL-4

AGCO 821XL

Allison C2, C3, C4

Caterpillar TO-2

CNH MAT 3505, 3525, 3526,

Deutz-Allis Power Fluid 821XL, 246634, 272843

Fiat Heston AF-87

Ford ESN-M2C134A-D (NH-410B), ESN-M2C86B, ESN-M2C86C, ESN-M2C-41B, ESN-M2C-48B, ESN-M2C53 A, ESN-M2C53 B, ESN-M2C-92A

Ford FNHA-2-C-200, FNHA-2-C-201

Industry of Machinery and Tractors (IMT)

International Harvester Hy-Tran B-6

JI Case MS1204,1205 (Powergard PFT), MS1206 (Powergard PFT), MS1207, MS1209 (HyTran Ultra or MultiTran)

John Deere J20A, J20B, J20C, J14B-C, JTD 303, J21A

Kioto

Komatsu-Dresser B06.0002

Kubota UDT

Landini

MF M1110, MF 1127 A&B, M1129A (Permatran), MF M1135 (Permatran III), MF M1141, MF M1143, MF M1145

Parker (Denison UTTO) HF-1, HF-2

Renk-Doromat 87.3 & 874A/B

Sauer Sunstrand/Danfoss & Hydro Static Trans Fluid

Sperry Vickers/Eaton I-286S Industrial Hydraulics, Sperry Vickers/Eaton M2950S Mobil Hydraulics

Vickers 35VQ25

Steiger HTF (SEMS 17001)

Valmet

Valtractores

Versatile Gear and HydrTrans Fluid

Volvo WB101 (VCE97303)

White/Minneapolis-Moline/Oliver/New Idea 55, Q-1705, Q-1722, Q-1766, Q1766B, Q-1802, Q-1826

Yanmar

Versatile 23M & 24M

Universal Tractor Fluid

20 May 2025

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470

Telephone: 1,800.462.0835

www.castrol.com/us Email: contactus@bp.com