



TRC SYNTHETIC LOW TEMP UNIVERSAL TORQUE FLUID



**Made In The
U.S.A.
Since 1922**

◆ **SYNTHETIC FORMULATION FOR EXCEPTIONAL COLD WEATHER PERFORMANCE**

Synthetic Low Temp Universal Torque Fluid is formulated with cold weather in mind, giving it the ability to be used in a wider range of temperatures. Having a very low pour point of -50°F (-45°C) makes this product the ideal choice for hydraulic systems and tractors during winter months. Synthetic Low Temp UTF can be used in both stationary and mobile hydraulic equipment, giving it the flexibility to be used in many different applications.

◆ **SUPERIOR ADDITIVE PACKAGE**

The formulation for Synthetic Low Temp Universal Torque Fluid has been improved, with new Viscosity Modifiers to improve Shear Stability and increase Viscosity Index to the 160-minimum needed in today's newer equipment. This increased shear stability will provide superior protection to maintain the fluid viscosity during heavy loads. The Flash Point has been increased to 385°F and Fire Point to 415°F due to higher operating temperatures. Synthetic Low Temp Universal Torque Fluid maintains the anti-foam, anti-rust, anti-corrosion, anti-oxidation, anti-wear, friction modifiers, pour depressant and seal protection characteristics you have come to expect from the UTF line, providing premium protection for hydraulic pumps and hydraulic systems.

◆ **INCREASED OXIDATION STABILITY**

To exceed the demands of today's hydraulic systems, Synthetic Low Temp Universal Torque Fluid's Oxidation Stability has been improved, now having 10,000 hours plus. With hydraulic systems being more sophisticated than ever, hydraulic pumps are being pushed to produce higher pressures for quicker control response time, which has increased the system temperatures. Higher operating temperatures will subject fluid to more rapid oxidation. Synthetic Low Temp Universal Torque Fluid resists oxidation by using high quality base stocks while including additional oxidation inhibitors, providing stability even during extreme use.

◆ **ANTI-WEAR PROTECTION**

Having a higher Viscosity Index (VI) and lower pour point helps ensure safer pump start-up at low temperatures with Synthetic Low Temp Universal Torque Fluid, while still maintaining oil viscosity at higher temperatures. TRC incorporates a high level of Zinc Anti-Wear additive at .20% which is far superior to other fluids on the market, along with a high detergent chemistry with Calcium (0.42%). Synthetic Low Temp Universal Torque Fluid will protect tractor transmissions, final drives, wet brakes, and PTO's. Hydraulic systems and pumps will be protected with this exceptional chemistry package.

◆ **FOR MANY APPLICATIONS**

Synthetic Low Temp Universal Torque Fluid can be used in a wide range of applications calling for a hydraulic fluid where an SAE 5 to an SAE 20 weight fluid can be used. It can be used year-round in many cases, decreasing the number of fluids needed in inventory. Agriculture, construction, mining, and marine are just a few places Synthetic Low Temp Universal Torque Fluid can be used and thanks to its advanced additive chemistry package, extended drain intervals are possible through TRC's oil analysis program.

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SPECIFICATIONS

SYNTHETIC LOW TEMP UNIVERSAL TORQUE FLUID

PRODUCT CODE #106445

Meets and or exceeds John Deere J20D; Case New Holland CNH MAT 3505 and 3506; Caterpillar TO-2; Parker Denison HF-0, HF-1, HF-2; Fives Cincinnati P-68, P-69 & P-70, Kubota Super UDT 2

Color	Green
Filtered down to 10 microns	Yes
Gravity, API	0.87
Flash, COC, °F. Min.	385
Fire, °F., Min.	415
Pour Point, Max	-50°F (-45°C)
Viscosity cSt @ 100°C	7.0 min.
Viscosity, cSt @ 40°C	38.0
Viscosity Index, Min.	160
Zinc, Wt. % Min.	0.20
Calcium, Wt. % Min.	0.42
Demulsibility ASTM D1401	EXCELLENT
Oxidation Test (hrs.) ASTMD-943	10,000+
Viscosity	SAE 5W/20

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).

TEXAS REFINERY CORP

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PRINTED IN U.S.A. 2020
L306447