



Product Bulletin

TRANSCREST® TRACTOR HYDRAULIC FLUID (THF)

TRANSCREST® Tractor Hydraulic Fluid is a premium transmission/differential/hydraulic fluid formulated from high-quality base oil and a performance proven additive system. It is designed to function as a common sump fluid in a wide variety of farm tractors and construction equipment requiring a single lubricant for the hydraulic system, powershift/hydrostatic/manual transmissions final drive, wet brakes, and power-take-off (PTO) clutches. It is suited for year-round use as a universal lubricant for today's modern tractors, as well as yesterday's workhorses.

TRANSCREST® Tractor Hydraulic Fluid provides outstanding wear protection for gears and hydraulic pumps, and meets API GL-4 performance requirements. It is a multi-viscosity fluid with a pour point of -35°F for superior low temperature performance and possesses exceptional friction control properties for operation in wet brakes and clutches. Additionally, this product provides excellent rust and corrosion protection and provides outstanding system cleanliness.

TRANSCREST® Tractor Hydraulic Fluid meets the performance requirements or is suitable for use for the following applications:

AGCO Power Fluid 821XL
 Allison C-2, C-3, C-4
 Case IH MS1210, MS1209, MS1207, MS1206
 Case New Holland (CNH) MAT3525, 3506, 3505
 Caterpillar TO-2
 Ford ESN-M2C134-A/B/C/D, ESN-M2C86-C, ESN-M2C86-B
 ESN-M2C41-B, M2C48-A/B
 International Harvester B-6 Hy-Tran®
 John Deere JDM J20A, J20C, Hy-Gard®, J14B/C (Type 303),
 John Deere Quatrol*

Kubota UDT Fluid
 Massey Ferguson CMS M1145, 1143, 1141 Permatran®III
 Oliver Type 55
 Volvo WB-101
 White Farm Equipment Q-1705, Q-1722, Q-1766B, Q-1802
 Q-1826
 ZF Transmissions TE-ML03E, 05F, 06F, 07E
 Hydraulic Mfgs: Denison HF-0, HF-1, HF-2; Vickers (Eaton)
 M-2950-S, I-286-S; Sauer-Sunstrand Hydrostatic Transmission

*Quatrol® is a registered trademark of John Deere and not a specification. It is no longer sold in the marketplace; Gulf Universal Tractor Fluid may be used where Quatrol® is called for.

TRANSCREST® Tractor Hydraulic Fluid

Typical Properties

SAE Grade		10W-30
Product Code	Test Method	331953
Viscosity, cSt @ 40°C	ASTM D-445	57.5
Viscosity, cSt @ 100°C	ASTM D-445	9.3
Brookfield Viscosity, cP @ -18°C	ASTM D-2983	3500
Brookfield Viscosity, cP @ -34.4°C	ASTM D-2983	40,000
Viscosity Index	ASTM D-2270	145
Color	ASTM D-1500	L3.5
Pour Point, °F	ASTM D-5949	-35
Flash Point, COC, °F	ASTM D-92	400
Gravity, API	ASTM D-4052	30.5