



# CITGO® TRANSGARD® Tractor Hydraulic Fluid

## OVERVIEW



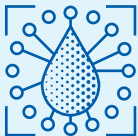
- Multifunctional tractor hydraulic/transmission fluid which lubricates the transmission, differential and final drive gears; acts as a power steering, power brake, power take-off and implement drive fluid; and provides a medium with the correct friction and heat transfer characteristics for proper operation of the tractor wet brakes and power take-off unit.

## FEATURES & BENEFITS



- Superior extreme pressure (EP) and anti-wear performance protects tractor transmissions, axles, and hydraulic pumps.
- Exhibits frictional characteristics designed to minimize chatter while permitting the wet brakes to hold properly, and provide smooth engagement of the power take-off clutch.
- Special blend of base stocks helps maintain seals and gaskets.
- Balanced formulation provides excellent protection from rust and corrosion, as well as excellent oil oxidation stability for high-temperature service.

## APPLICATIONS



- TRANSGARD Tractor Hydraulic Fluid is formulated to meet John Deere J20C and is recommended for use in applications that require:

John Deere JDM J20C  
 AGCO Power Fluid 821XL  
 AGCO CMS M1135  
 AGCO CMS M1141  
 AGCO GIMA-CMS M1143  
 AGCO GIMA-CMS M1145  
 Allison C-4  
 API GL-4  
 ASTM D6973 (Eaton 35VQ)  
 Caterpillar TO-2 (obsolete)  
 Case New Holland: Ford M2C134-D  
 Case New Holland: FNHA 2-C-201.00  
 Case New Holland: CNH MAT 3525  
 Case New Holland: CNH MAT 3509  
 Case New Holland: Case MS 1205

Case New Holland: Case MS 1206  
 Case New Holland: Case MS 1207  
 Case New Holland: Case MS 1209  
 Denison Hydraulics HF-0, HF-1, HF-2  
 Eaton Vickers I-286-S  
 Eaton Vickers M-2950-S  
 Kubota UDT  
 Minneapolis Moline Q-1766, Q-1722, Q1766B  
 New Holland WB NWH 410B  
 Oliver Q-1705  
 Volvo WB 101  
 White Farm Equipment Q-1826  
 ZF TE-ML 03E  
 ZF TE-ML 05F  
 ZF TE-ML 06K

- Refer to equipment owner's manual for proper lubricant recommendation.

**PROPERTIES****Typical Properties for CITGO TRANSGARD Tractor Hydraulic Fluid:**

		<b>TRANSGARD TRACTOR HYDRAULIC FLUID</b>
<b>Material Code</b>		<b>633310001</b>
Gravity, ASTM D4052, °API		30.3
Density, lb/gal		7.29
Flash Point, COC, ASTM D92, °F (°C)		442 (228)
Brookfield Viscosity, ASTM D2983		
cP at -20°C		3,950
cP at -35°C		36,400
Viscosity, ASTM D445		
cSt at 40°C		60
cSt at 100°C		9.9
Viscosity Index, ASTM D2270		147
Pour Point, ASTM D97, °F (°C)		-49 (-45)
Color, ASTM D1500		L1.0
Foam Test, ASTM D892, Seq. I, II, III		Pass
<b>John Deere J20C Tests</b>		
Shear Stability Test	<b>JDQ 102</b>	7.6

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