



# CITGO® TRANSGARD® Synthetic Blend LOW-TEMP Tractor Hydraulic Fluid

## OVERVIEW



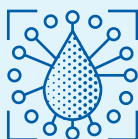
- CITGO TRANSGARD Synthetic Blend LOW-TEMP Tractor Hydraulic Fluid is specially designed to provide outstanding low temperature fluidity under the coldest conditions, with the same performance benefits as CITGO TRANSGARD Tractor Hydraulic Fluid, but is intended for applications where a lower-viscosity fluid is desired. It should not be used at ambient temperatures above 68°F.
- 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



- Provides excellent fluidity at low temperature to ensure good pumpability in cold weather regions.
- Special synthetic and conventional base stocks help maintain seals and gaskets.
- 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 provides smooth engagement of the power take-off clutch.
- Balanced formulation provides excellent protection from rust and corrosion, as well as excellent oil oxidation stability for high-temperature service.

## APPLICATIONS

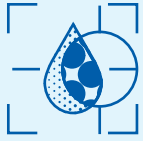


- TRANSGARD Synthetic Blend LOW-TEMP Tractor Hydraulic Fluid is formulated to meet John Deere J20D and is recommended for use in applications that require:

John Deere J20D  
 Allison C-4  
 Caterpillar TO-2  
 CASE JIC 143, 144  
 New Holland: Case MS 1210  
 Eaton E-FDGN-TB002-E  
 Case New Holland: CNH MAT 3526  
 Eaton Vickers I-286-S  
 Eaton Vickers M-2950-S

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

**PROPERTIES**



**Typical Properties for CITGO TRANSGARD Synthetic Blend LOW-TEMP Tractor Hydraulic Fluid:**

		<b>SYNTHETIC BLEND LOW-TEMP TRACTOR HYDRAULIC FLUID</b>
<b>Material Code</b>		<b>633311001</b>
Gravity, ASTM D4052, °API		32.8
Density, lb/gal		7.17
Flash Point, COC, ASTM D92, °F (°C)		415 (213)
Brookfield Viscosity, ASTM D2983		
cP at -4°F (-20°C)		1250
cP at -40°F (-40°C)		11,250
Viscosity, ASTM D445		
cSt at 40°C		35
cSt at 100°C		7.9
Viscosity Index, ASTM D2270		199
Pour Point, ASTM D97, °F (°C)		-65 (-54)
Color, ASTM D1500		L1.5
Foam Test, ASTM D892, Seq. I, II, III		Pass
<b>John Deere J20D Tests</b>		
Shear Stability Test	<b>JDQ 102</b>	5.6

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