



# CITGO TRANSGARD® Tractor Hydraulic Fluids

## OVERVIEW



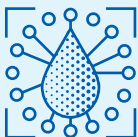
- Multifunctional tractor hydraulic/transmission fluids which lubricate the transmission, differential and final drive gears; act as a power steering, power brake, power take-off and implement drive fluid; and provide a medium with the correct friction and heat transfer characteristics for proper operation of the tractor wet brakes and power take-off unit.
- CITGO TRANSGARD Lo-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.

## FEATURES & BENEFITS



- Superior extreme pressure (EP) and anti-wear performance protects tractor transmissions, axles, and hydraulic pumps.
- Exhibit 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 formulations provide excellent protection from rust and corrosion, as well as excellent oil oxidation stability for high-temperature service.

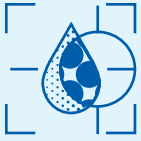
## APPLICATIONS



- For use where the following specifications are recommended:
 

AGCO Power Fluid 821XL Allison C-4 API GL-4 CAT TO-2 Case MS 1205, 1206, 1207, 1209, 1210 Case New Holland: MAT 3525 Denison HF-0, HF-1, HF-2 Eaton Vickers I-286-S, M-2950-S	Ford New Holland ESN-M2C134-D FNHA 2C 201 John Deere J20C/J20D (Low-Temp Only) Kubota UDT Massey Ferguson M-1135, M-1141, M-1143, M-1145 Volvo WB101 White Q-1826 ZF TE-ML-03E, -05, -06
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- Suitable for use in:
- |  |  |
|--|--|
| AGCO<br>Case IH<br>David Brown<br>Ford<br>John Deere<br>KH Deutz | Komatsu<br>Kubota<br>Mahindra<br>Massey Ferguson<br>New Holland<br>Volvo<br>White and others |
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- Refer to equipment owner's manual for proper lubricant recommendation.

## PROPERTIES



## Typical Properties for CITGO Transgard Tractor Hydraulic Fluids:

	TRACTOR HYDRAULIC FLUID	LOW-TEMP TRACTOR HYDRAULIC FLUID
<b>Material Code</b>	<b>633310001</b>	<b>633311001</b>
Gravity, ASTM D4052, °API	31.0	32.3
Density, lb/gal	7.26	7.20
Flash Point, COC, ASTM D92, °F (°C)	450 (232)	406 (208)
Viscosity, ASTM D2983, cP		
at -4°F (-20°C)	4,500	1,500
at -29°F (-35°C)	18,100	—
at -40°F (-40°C)	—	15,300
ASTM D445		
cSt at 40°C	60.3	33.7
cSt at 100°C	9.8	7.15
Viscosity Index, ASTM D2270	148	183
Pour Point, ASTM D97, °F (°C)	-40 (-40)	-54 (-48)
Color, ASTM D1500	2.0	2.5
ASTM D892, Sequence I, II, III	Pass	Pass

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