



UNIVERSAL TRAC GARD TRACTOR HYDRAULIC FLUID

Universal Trac Gard may be used in hydraulic systems alone, or in combination hydraulic-transmission systems. It is recommended for most makes of tractors, using the latest additive technologies for outstanding performance. Universal Trac Gard is specially formulated to be oxidation and rust resistant. Gears and bearings are protected, even in extreme applications. Its multi-viscosity ensures superior pumpability at low start-up temperatures and provides excellent body at high operating temperatures.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>DATA</u>
Viscosity @ -18°C, cP	D2602	3650
Viscosity @ 40°C, cSt	D445	61.62
Viscosity @ 100°C, cSt	D445	9.36
Viscosity Index	D2270	132
Flash Point, COC, °C (°F)	D92	216 (420)
Pour Point, °C (°F)	D97	-36 (-33)
Color	D1500	2.5
Gravity, °API	D287	30.0
Sulfated Ash, % wt.	D874	1.40
Zinc, % wt.	D4951	0.14
Foaming Test, 3 sequences	D892	
5 min. blowing, max. cc		25
10 min. settling, max. cc		0
Copper Strip Corrosion	D130	1a
Oxidation Stability (300°F)	D942	1.5
Rubber Compatibility	D471	+0.28
Compatibility		Pass
Timken OK Load, lbs, min.	D2509	40
Load Capacity, psi, min.		21,000
Abrasion Test, mg. wt. loss		0.6
Rust Humidity Test, 100 hrs.	D665	Pass
50 SUS min. after Sonic Shear Test		
Dielectric Strength, KV	D877	40

Suitable for use when the following specifications are referenced or called for:

J.I. Case - MS-1209; MS-1207(Hy-Trans Plus*), MS-1206, MS-1210(TCH), MS-1205, MS-1204, MS-1230; JIC-185, JIC-145, JIC-144, JIC-143, MAT 3525, MAT 3505

Meets or exceeds the following test requirements:

John Deere - J20C, J21A, J14C, J14B (303 Fluid)

Ford - ESN-M2C134-D&C, -M2C86-B, -M2C134-B, -M2C53-A, -M2C48-B, -M2C41-B;

FNHA-2-C-201.00

Massey-Ferguson - M-1141 (Permatran III), M-1129A (Permatran), M-1110, M-1127A/B, M-1135, M-1143

International Harvester - B-6 (Hy-Trans)*, B-5 (*except BT-7 Water Tolerance Test)

AGCO/Duetz-Allis/Allis Chalmers - 25743 (Power Fluid 821), 257541, 246634, 272843

Versatile - Gear and Hydraulic Transmission Fluid, ESN-M2C134-D; FNHA-2-C-201.00

Clark Lift Truck Trans Fluid TA 12, TA 18, HR 500, HR 600

Stieger - SEMS 17001 (Hydraulic Transmission Fluid)

Caterpillar - TO-2

Allison C4

Sundstrand - Hydrostatic Transmission Fluid

ABEX/Denison - HF-0, HF-1, HF-2 All pumps

Hesston Fiat - Oilofiat Tutela Multi-F

Dresser Construction - Trans/Hydra Fluid

Kubota - UDT

White Farm - Q1826, Q-1766B (HTF)

Oliver - Type 55, Q1802

Duetz - Hydraulic Transmission Fluid

Sperry Vickers - 1-286-S, M-2950-S

Plessey-Sunstrand - Hydraulic Fluid

Landini - Tractor II Hydra Fluid

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