



Trac Gard Hydraulic/Transmission Fluid

Dyna-Plex 21C® 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. Dyna-Plex 21C 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>TEST SPECIFICATIONS</u>
Viscosity @ -18°C, cP	D-2602	3650
Viscosity @ 40°C, cSt	D-445	61.62
Viscosity @ 100°C, cSt	D-445	9.36
Viscosity Index	D-2270	132
Flash Point, COC, °C (°F)	D-92	216 (420)
Pour Point, °C (°F)	D-97	-36 (-33)
Color	D-1500	2.5
Gravity, °API	D-287	30.0
Sulfated Ash, % wt.	D-874	1.40
Zinc, % wt.	D-4951	0.14
Foaming Test, 3 sequences	D-892	
5 min. blowing, max. cc		25
10 min. settling, max. cc		0
Copper Strip Corrosion	D-130	1a
Oxidation Stability (300°F)	D-942	1.5
Rubber Compatibility	D-471	+0.28
Compatibility		Pass
Timken OK Load, lbs, min.	D-2509	40
Load Capacity, psi, min.		21,000
Abrasion Test, mg. wt. loss		0.6
Rust Humidity Test, 100 hours	D-665	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 – Olio Fiat 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

TO-4/06.20.17