



UNIVERSAL TRACTOR HYDRAULIC FLUID

Sinclair Universal Tractor Fluid is a premium quality universal tractor hydraulic fluid formulated with high quality base oils and anti-wear and extreme pressure (EP) additives providing excellent load carrying capacity and wear protection for a wide temperature range and long-term service under severe conditions. It is designed for equipment using a common sump or requiring a single fluid for hydraulic systems, transmission, differential, wet brakes/wet clutches, power take off (PTO) units and final drive. Sinclair Universal Tractor Fluid protects against foam and corrosion and resists the negative effects of water contamination and is highly resistant to oxidation.



APPLICATIONS

Sinclair Universal Tractor Fluid meets or exceeds most tractor manufacturers' specifications and can be used where any of the following are specified:

- AGCO, Allis Chalmers & Deutz-Allis: 821XL
- John Deere: J20C, J20A, J14B, J21A, Hygard, 303 Fluid
- Case International Harvester: MS 1209 (Hy-Tran ULTRA), MS 1207 (Hy-Tran Plus), MS 1210 (TCH Fluid), MS-1206, MS1230, JIC-144, JIC-143
- Oliver: Type 55, Universal HTF, Q1766
- International Harvester: B-6
- Minneapolis-Moline Fluids
- Massey Ferguson: Permatran III, M-1141
- Ford M2C134C/D, FNHA-2-C-200.00, M2C86-B, M2C41-B
- White: Q1826, Q1705, Q1766, Q1802
- Caterpillar: TO-2
- Allison: C-4 Fluid
- Renk 873 and 874 A/B Transmissions
- Kubota: UDT



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TYPICAL PHYSICAL PROPERTIES

	METHOD	TYPICAL RESULTS
Viscosity Grade		
Gravity, °API	ASTM D287	29.1494
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8808
Viscosity @ 40°C cSt	ASTM D445	63.53
Viscosity @ 100°C cSt	ASTM D445	9.76
Viscosity Index	ASTM D2270	136
Pour Point °C (°F)	ASTM D5950	-42C (-44 F)
Brookfield Viscosity at -35°C, cP	ASTM D2983	41,100
Brookfield Viscosity at -20°C, cP	ASTM D2983	3,819
Color	ASTM D1500	2
Zinc, wt. %	ASTM D5185	0.149
Phosphorus, wt. %	ASTM D5185	0.12
Calcium, wt. %	ASTM D5185	0.36
Sulfur, wt. %	ASTM D4951	0.288
Boron, wt. %	ASTM D5185	0.01
Sulfated Ash, wt. %	ASTM D874	1.41

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
Universal Tractor Fluid	2/2.5 Gallon	534-009	0 14168-01616 2	0 14168-01670 4	L 14.000 x W 9.563 x H 14.375	1.114 / 53.472	39.842 / 1553.823	39 Cases (3 layers of 13)
Universal Tractor Fluid	5 Gallon	534-008	0 14168-01628 5	N/A	L 12.500 x W 12.500 x H 15.500	1.402 / 60.083	40.632 / 1706.523	42 Eaches (3 layers of 14)
Universal Tractor Fluid	30 Gallon	534-004	0 14168-01688 9	N/A	L 19.500 x W 19.500 x H 29.250	6.437 / 38.056	238.993 / 1194.964	5 Drums
Universal Tractor Fluid	55 Gallon	534-003	0 14168-01689 6	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	429.321 / 1417.284	4 Drums

