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Sinclair Universal Tractor Trans-Hydraulic Fluid

Sinclair Agriculture & Construction Equipment Industrial Lubricants and Greases



Sinclair Universal Tractor Trans-Hydraulic Fluid is produced using only high-quality paraffinic base stocks. It is recommended for farm equipment with transmission final drives, clutches, wet brakes, and hydraulics supplied from a common reservoir. With Sinclair, you can expect benefits like:

- Terrific oxidative and thermal stability.
- Outstanding component wear protection that extends equipment life.
- Exemplary pumpability, even at extreme low temperatures.
- Protection against rust and corrosion resulting from water contamination.
- Ideally balanced frictional characteristics that ensure precise operations of both brake and clutch, as well as reduced chatter.

Formulated for the Driveline Designs of Today

There have been dramatic changes in drivelines, and there is a need for specialized fluids that meet the needs of unique applications. Sinclair driveline fluid is an advanced formulation, engineered to achieve the ideal balance of protection, toughness, and endurance.

Performance

Get precise brake and clutch operation, excellent cold-weather pumpability, and chatter reduction along with outstanding frictional characteristics.

Strength

Prevents wear while increasing equipment life via a strong, protective oil film barrier that helps avoid contact between metal-to-metal rotating parts.

Durability

Excellent oxidation and thermal stability and protection against corrosions and rust resulting from water contamination.

Industry/OEM Specifications

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

Suitable for Use

AGCO 821XL	Suitable for Use
Allison C-4	Suitable for Use
Allison C-4, C-2	Suitable for Use
API GL-4	Suitable for Use
auer/Danfoss (Sundstrand) Hydrostatic Transmission Fluid	Suitable for Use
Case JIC 144, 145	Suitable for Use
Case MS-1209, 1210, 1207, 1204	Suitable for Use
CAT TO-2	Suitable for Use
Clark Lift Truck Transmission Fluid TA 12, TA 18, HR 500, HR 600	Suitable for Use
Deutz, Allis-Chalmers Power Fluid 821	Suitable for Use
Ford/NewHolland ESN-M2C143A-D (NH-410B), ESN-M2C86A, B, C, ESNM2C-41, 41A & B, 43, ESN-M2C-48B & C, ESN-M2C53A & B, ESN-M2C-77A, 78A, 79A, ESN-M2C-142A, ESN-M2C-143, ESN-M2C-92A, ESN-M2C-159A-C, M4864A & B	Suitable for Use
Hesston-Fiat AF-87, Oilofiat Tutela Multi-F	Suitable for Use
International Harvester Hy-Tran B-6	Suitable for Use
John Deere J20C, J20A, J14A-C, 303	Suitable for Use
Komatsu AXO80 and prior, Dresser, Landini	Suitable for Use
Kubota UDT	Suitable for Use
Massey Ferguson M-1103A, M-1103B, M-1110, M-1127, M-1127A, M-1127B, M-1129, M-1129A, M-1135, M-1138, M-1141, M-1143, M-1145	Suitable for Use
MAT 3540, 3525, 3526, 3510, 3506, 3505	Suitable for Use
Oliver/White Q-1826, Q1766, Q1722, Q1766B, Q1705, Q1802, Type 55	Suitable for Use
Sauer/Danfoss (Sundstrand) Hydrostatic Transmission Fluid	Suitable for Use
Steiger Hyd-Trans SEMS 17001	Suitable for Use
Valmet, Yanmar, New Idea Power Units, Leyland, Belarus & Fiat	Suitable for Use
Versatile ESN-M2C134D (FNHA-2-C-201.00)	Suitable for Use
Vickers/Eaton M-2950-S, I-286-S	Suitable for Use
Volvo WB101, Volvo VCE 1273.03	Suitable for Use
ZF TE-ML-03E Torque Converter Transmission	Suitable for Use
ZF TE-ML-05F Off-Road Axles, exception of hypoid gears	Suitable for Use

Typical Properties

Brookfield Viscosity at -35°C, cP	ASTM D2983	35,000
Calcium, wt. %	ASTM D5185	0.334
Color	ASTM D1500	2.5
Flash Point °C	ASTM D92	224
Flash Point °F	ASTM D92	435
Gravity, °API	ASTM D287	30.20
Phosphorus, wt. %	ASTM D5185	0.13
Pour Point °C (°F)	ASTM D5950	-39°C (-38°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8751
Viscosity @ 100°C cSt	ASTM D445	9.781
Viscosity @ 40°C cSt	ASTM D445	70.43

Viscosity Index	ASTM D2270	122
Zinc, wt. %	ASTM D5185	0.139

Container/Bulk Availability

30 Gallon Drum	Product Number - 534-004
330 Gallon Tote	Product Number - 534-002
55 Gallon Drum	Product Number - 534-003
5 Gallon	Product Number - 534-008
2/2.5 Gallon	Product Number - 534-009

Available in Bulk

Information accurate as of March 3, 2024