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# MAG 1® UNIVERSAL TRACTOR TRANS-HYDRAULIC FLUID

AGRICULTURE & CONSTRUCTION EQUIPMENT AUTOMATIC TRANSMISSION PRODUCTS



MAG 1 Premium Universal Tractor Trans-Hydraulic Fluid is formulated with high-quality paraffinic base stocks, and is recommended for farm equipment with transmission final drives, wet brakes, clutches, and hydraulics supplied from a common reservoir. Benefits include:

- Outstanding thermal and oxidative stability.
- Unsurpassed protection against component wear to extend equipment life.
- Excellent pumpability in extreme cold.
- Exceptional protection against rust and corrosion that can result from water contamination.
- Optimally balanced frictional characteristics to ensure precise clutch and brake operation and chatter reduction.

## PROTECTION FOR TODAY'S DRIVELINE DESIGNS

Drivelines have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – MAG 1®. Only the most advanced driveline fluids meet the difficult challenges of effectively balancing performance, strength and durability.

Featuring MAG 1® with FMX® Technology – Friction Management for Xtreme protection™. MAG 1 is designed to provide unsurpassed protection.

## PERFORMANCE

- Delivers optimal frictional characteristics for precise clutch and brake operation and reduced chatter as well as excellent pumpability in extreme cold.

## STRENGTH

- Provides a strong oil film to avoid metal-to-metal contact between rotating parts, which prevents wear and extends equipment life.

## DURABILITY

- Protects against rust and corrosion that can result from water contamination and has outstanding thermal and oxidation stability.

## 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-M2C134A-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 AX080 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

3/1 Gallon	Product Number - 60681
2/2.5 Gallon	Product Number - 00522
5 Gallon Pail	Product Number - 00525
55 Gallon Drum	Product Number - 62863
330 Gallon Tote	Product Number - 65576
55 Gallon - Not for Sale in US	Product Number - 69421

## Available in Bulk

Information accurate as of June 6, 2024