



Agra STOU Super Tractor

Multi-Functional STOU Tractor & Hydraulic Fluid — SAE 10W-30 / 10W-40

Rev: 2026-05-11

DESCRIPTION

TRIAX Agra STOU Super Tractor 10W-30 and 10W-40 is a premium multi-functional “One Fluid” STOU (Super Tractor Oil Universal) lubricant engineered to meet the lubrication requirements of hydrostatic transmissions, hydraulic systems, wet brakes, and heavy-duty diesel engines from a single fluid platform — eliminating the need for separate transmission, hydraulic, and engine oils in mixed agricultural fleets. The high-VI synthetic-blend formulation, EP API GL-4 additive package, and friction-modified wet-brake chemistry deliver extreme-pressure protection for transmission gears, pump and valve protection for hydraulic circuits, chatter-free engagement for wet brakes, and full diesel engine protection across a wide ambient temperature range. Exceptional cold-temperature performance and oxidative stability make it suitable for both very low and very high ambient operating conditions encountered in field service.

PERFORMANCE HIGHLIGHTS

- **Multi-system “One Fluid” formulation.** A single fluid handles transmissions, hydraulics, wet brakes, and diesel engines — consolidating four service categories into one SKU and simplifying inventory for mixed agricultural fleets.
- **Extreme-pressure transmission and hydraulic protection.** API GL-4 EP additive package with high zinc and phosphorus loading delivers maximum anti-wear protection for transmission gears, hydraulic pumps, valves, and hoses under sustained heavy load and high-pressure field conditions.
- **Wet-brake friction optimization.** Friction modifier package tuned for oil-immersed wet-brake systems — preventing chatter, glazing, and stick-slip during brake engagement on tractors, loaders, and field equipment.
- **High VI and oxidative stability.** High Viscosity Index base oil resists viscosity breakdown and oxidative thickening across long operating hours, sustained high-temperature service, and cold ambient starts down to -45 °C (10W-30).
- **Contamination, water, and soot control.** Advanced dispersant and detergent package handles diesel soot, water ingress, and field-environment contamination — protecting valve responsiveness, deposit-free hydraulic circuits, and engine cleanliness in dust- and moisture-heavy conditions.
- **High TBN, seal compatibility, and foam control.** TBN of 10 mg KOH/g neutralizes acidic combustion and oxidation byproducts; balanced additive chemistry preserves hydraulic seal integrity and suppresses foam under the air-entrainment conditions typical of agricultural pumps and return circuits.

SPECIFICATIONS & APPLICATIONS

TRIAX Agra STOU Super Tractor is purpose-built as a suitable replacement for OEM tractor, hydraulic, wet-brake, and diesel engine fluids across major agricultural equipment manufacturers. Use in TRANSMISSIONS, HYDRAULIC SYSTEMS, WET BRAKES, and DIESEL or GASOLINE FARM ENGINES. The 10W-40 grade is additionally approved for modern CVT / Vario continuously variable transmissions on Deutz-Fahr, Kubota, John Deere, Fendt, CASE, CLAAS Axion, Massey Ferguson, and similar high-efficiency electronic transmission platforms.

API GL-4 Licensed and meets or exceeds the following API and OEM specifications:

- API GL-4 / ZF TE-ML 06A, 06B, 06C, 06R, 07B
- CASE-IH MS-1204, MS-1206, MS-1207, MS-1209
- Massey Ferguson M1139, M1144, M1145
- John Deere JDM J27 / Caterpillar TO-2 / Allison C3, C4
- Case New Holland MAT 3525, MAT 3526
- Ford M2C-159-B/C, M2C-86B/C, M2C-134D
- Ford NH 82009201, 82009202, 82009203
- MB 227.1, MB 228.1 / DIN 51524-3 (HVLP-D 68)
- MIL-L 2104D, MIL-L 2105, MIL-L 46152B
- Engine (10W-40): ACEA E2/E3, API CF-4/CH-4/CI-4, Mack EO-K, EO-K2

TYPICAL PROPERTIES

Parameter (Test Method)	SAE 10W-30	SAE 10W-40
Viscosity, Kinematic @ 40 °C, cSt (ASTM D445)	74.7	101.1
Viscosity, Kinematic @ 100 °C, cSt (ASTM D445)	11.7	14.7
Viscosity Index (ASTM D2270)	151	151
Flash Point, °C (°F) (ASTM D92)	232 (450)	232 (450)
Pour Point, °C (°F) (ASTM D97)	-45 (-49)	-35 (-31)
Specific Gravity @ 60°F (ASTM D1298)	0.841	0.856
Total Base Number, mg KOH/g (ASTM D2896)	10	10

These are typical values. There may be small differences in actual values which are a normal part of production and do not affect product performance.