AGRI FLUID 458

Super Tractor Oil Universal (STOU)

REXOIL AGRI FLUID 458 is a premium quality **Super Tractor Oil Universal (STOU)** lubricant developed for modern agricultural machinery requiring a single oil for multiple applications. It is specially formulated to provide reliable performance in diesel and gasoline engines, transmissions, hydraulic systems, wet brakes, and final drives of tractors and farm equipment.

This multifunctional lubricant simplifies inventory management by allowing the use of one product across various lubrication points while delivering excellent engine cleanliness, wear protection, thermal stability, and oxidation resistance. Its balanced additive system ensures smooth clutch engagement, prevents brake chatter, and provides reliable hydraulic performance under heavy-duty agricultural operating conditions.

AGRI FLUID 458 is suitable for use in **tractors, combine harvesters, harvesting machines, loaders, and other agricultural equipment** operating under severe field conditions where a universal lubricant is required. It meets **SAE 20W-50 viscosity grade** and **STOU performance standards**, making it appropriate for modern farm machinery requiring multi-purpose lubrication under demanding operating conditions.

Features and Benefits

- **Universal Multi-Purpose Performance:** Designed for engines, transmissions, hydraulics and wet brake systems, reducing the need for multiple lubricants.
- **Excellent Wear Protection:** Advanced anti-wear additives protect critical engine and transmission components under heavy-duty agricultural operations.
- **Superior Engine Cleanliness:** Strong detergent and dispersant system minimizes deposits, sludge formation, and piston ring sticking.
- **Stable Hydraulic Performance:** Maintains consistent viscosity and ensures reliable hydraulic system response in varying operating temperatures.
- **Wet Brake Compatibility:** Optimized friction characteristics help prevent brake chatter and ensure smooth clutch engagement.
- **High Thermal & Oxidation Stability:** Resists oil thickening and degradation during prolonged high-temperature operation.
- **Corrosion & Rust Protection:** Protects internal components against moisture and corrosive elements common in agricultural environments.
- **Inventory Simplification:** One oil solution for multiple applications reduces storage complexity and maintenance errors.

Approval and Specifications

API CG-4/CF-4/SF; ACEA E3; DTFR 15B110 (MB 228.3); MAN 271; MIL-L-2104D; API GL-4; Allison C4; Caterpillar TO-2; Ford ESN M2C 159B/C; Ford NH 82009201/2/3; Ford ESN-M2C 86B/86C 134D; John Deere JDM J27/J20C/J20D; Massey Ferguson CMS M1135/M1139/M1143/M1144/M1145; ZF TE-ML 03A/05K/06A/06B/06C/06D/07B/07D; CASE MAT 3525/MAT3526; NH030C; NH 410B; NH 420A; RENAULT AGRICULTURE (M1145); VOLVO WB-101; DIN 51524 HVLP

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Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (100°C), [cSt]	ASTM D445	16,3 – 21,9
Density @ 15^{0}C g/ml	ASTM D4052	0,880 - 0,905
Viscosity Index	ASTM D2270	Min. 130
Flash Point, °C	ASTM D92	Min. 320
Pour Point, °C	ASTM D97	Max. -27
Total Base Number, mg KOH/g	ASTM D2896	Min. 10,0

Health and Safety

This product does not pose a significant health or safety risk when used appropriately. For detailed safety information, please refer to the Safety Data Sheet (SDS).

Storage & Handling

Store in a cool, dry, and well-ventilated area, away from direct sunlight and moisture. Keep containers tightly closed to prevent contamination. Dispose of contents and containers in accordance with local regulations.