



Starfire® Universal Tractor Hydraulic and Transmission Fluid

Starfire UTH and Transmission Fluid is formulated from select base stocks and proven additive technology for use in a variety of farm equipment, off-highway machinery, industrial tractors, final drives, power take-off (PTO) units, wet brakes, power steering units and hydraulic systems. It provides the convenience of using one fluid in place of two or more fluids while maintaining optimum component performance and durability.

Starfire UTH and Transmission Fluid is multi-functional as a medium hydraulic oil, power steering fluid, power brake fluid, PTO fluid and for Implement drive lubrication.

EQUIPMENT BENEFITS

- Excellent wear protection
- Smooth clutch and PTO performance
- Excellent anti-shudder performance
- Good seal compatibility
- Protection against rust and oxidization
- Multi-purpose lubricant applications



PRODUCT FEATURES

- Formulated with highly-refined base stocks for added resistance to thermal breakdown
- Provides active anti-wear agents to protect critical transmission components
- Delivers added resistance to fluid oxidation and component rust
- Field tested with proven performance

APPLICATIONS

Starfire UTH and Transmission Fluid is recommended for the following fluid requirements:

- Recommended for use in ambient temperatures between 32°F and 104°F (0°C to 40°C)
- John Deere: J14B,C, J20A, J20, Type 303 (not recommended for J20C applications)
- International Harvester Hy-Tran
- Massey Ferguson M-1110
- Allis Chalmers C-3
- J.I. Case JIC-143
- Ford New Holland ESN-M2C; 134B,C
- Allison C-3
- Oliver
- White Q-1722

Starfire UTH and Transmission Fluid	
Typical Physical Properties	
Performance Level	J20A (303)
API Gravity @ 60° F	24.4
Lbs./gallon	7.2
Viscosity, cSt @ 100°C	7.0
Viscosity, cSt @ 40°C	51.5
Viscosity Index	90
ASTM Color	L2.0
Pour Point, °C (°F)	-23 (-10)
Flash Point, °C (°F)	207 (405)
Minor variations in typical physical properties may occur from normal manufacturing processes	

PLEASE NOTE: Please verify proper fluid requirement with equipment manufacturer recommendations. Misapplication may cause significant equipment damage.