



LUBRICANTS

Firebird® Tractor Hydraulic Fluid

Phillips66® Firebird Tractor Hydraulic Fluid is an environmentally responsible tractor transmission fluid formulated with a blend of high-quality conventional and re-refined base stocks. It is designed for use in farm tractors and other off-highway equipment requiring one lubricant for the transmission, final drive, wet brakes and hydraulic systems. It meets the performance requirements of all major brands of farm tractors and other farm equipment that utilize a common fluid reservoir. The use of re-refined base stocks helps lessen the environmental impact of disposal of used oil.

Firebird Tractor Hydraulic Fluid is formulated to provide excellent oxidation resistance, excellent wear protection, protection against rust and corrosion, and resistance to foaming. It has carefully balanced frictional properties to ensure proper operation of wet brakes and transmission clutches.

Applications

Firebird Tractor Hydraulic Fluid is recommended for use where the equipment manufacturer specifies:

- AGCO Power Fluid 821XL, Q-1826, Q-1802 (Type 55 Fluid), Q-1766B
- Case IH MS1210, MS1209, MS1207, MS1206
- Case New Holland (CNH) MAT3525 (134-D Fluid), MAT3506, MAT3505
- Denison Hydraulics HF-0, HF-1, HF-2
- Ford ESN-M2C134-D, ESN-M2C86-C, ESN-M2C86-B, ESN-M2C41-B
- Ford-New Holland FNHA-2-C-201.00
- John Deere JDM J20C, J14C (Type 303 Fluid)
- Kubota UDT Fluid
- Landini Tractor II Hydraulic Fluid
- Massey Ferguson CMS M1145/M1143, M1141, M1135, M1129A
- Sundstrand Hydrostatic Transmission Fluid
- Vickers (Eaton) M-2950-S, I-286-S
- Volvo VME WB 101 (VCE 1273.03)
- ZF TE-ML 03E, 05F, 17E, 21F
- Firebird Tractor Hydraulic Fluid also meets API GL-4 performance requirements.

**Tractor Hydraulic/
Transmission Fluid
Formulated With
≥ 70% Re-Refined
Base Stocks**

KEEPING THE
WORLD
RUNNING
SMOOTHLY. 



Features/Benefits

- Excellent oxidation resistance and thermal stability
- Excellent wear protection for clutches, gears and hydraulic pumps
- Prevents brake chatter and grabbing
- Protects against rust and corrosion
- Excellent seal compatibility
- Good foam resistance
- Suitable for year-round use in most climates
- Lessens the environmental impact of disposal of used oils

Firebird® Tractor Hydraulic Fluid

Typical Properties	
SAE Grade	
Specific Gravity @ 60°F	0.879
Density, lbs/gal @ 60°F	7.32
Color, ASTM D1500	2.5
Flash Point (COC), °C (°F)	210 (410)
Pour Point, °C (°F)	-43 (-45)
Viscosity, Brookfield	
cP @ -20°C	2,800
cP @ -35°C	27,000
Viscosity, Kinematic	
cSt @ 40°C	61.0
cSt @ 100°C	9.4
Viscosity Index	135
Total Base Number (TBN), ASTM D2896	9.6
Zinc, wt %	0.149
Re-refined Content, Base Oil, wt%	70

Health Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://3apps.phillips66.com/NetMSDS>.