



PowerTran™ XP

Phillips 66® PowerTran XP is a multi-functional fluid specially formulated 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.

PowerTran XP 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.

PowerTran XP has increased shear stability for use in continuously variable transmissions used in agriculture tractors and machinery. Meets increased shear stability requirements by many OEMs to accommodate for higher power densities.

Applications

PowerTran XP 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, MAT3540
- 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, Super UDT 2
- 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

PowerTran XP also meets API GL-4 performance requirements.

**Multipurpose
Hydraulic/
Transmission/
Final Drive
Fluid for Farm
Tractors**

**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
- Improved shear stability

PowerTran™ XP

Typical Properties	
SAE Grade	
Specific Gravity @ 60°F	0.8776
Density, lbs/gal @ 60°F	7.31
Color, ASTM D1500	2
Flash Point (COC), °C (°F)	210 (410)
Pour Point, °C (°F)	-43 (-45)
Viscosity, Brookfield	
cP @ -20°C	4000
cP @ -35°C	26,694
Viscosity, Kinematic	
cSt @ 40°C	61.0
cSt @ 100°C	9.8
Viscosity Index	146
Sulfated Ash, ASTM D874, wt %	1.48
Total Base Number (TBN), ASTM D2896	9.6
Zinc, wt %	0.150

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/EN/products/Pages/MSDS.aspx>.

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Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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