



PowerTran™ Fluid

Conoco PowerTran™ Fluid is a multifunctional fluid formulated for use in farm tractors and 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. It provides excellent wear protection, oxidation stability, rust and corrosion protection, and seal compatibility, as well as good foam resistance. Controlled frictional properties ensure proper operation of wet brakes and transmission clutch packs.

Applications

PowerTran™ Fluid is recommended for use where the manufacturer specifies:

- AGCO (Deutz-Allis) Power Fluid 821XL
- J.I. Case MS-1210 (TCH Fluid), MS-1207 (Hy-Tran™ Plus), MS-1206 (PTF)
- Caterpillar TO-2
- Denison HF-0, HF-1, HF-2
- John Deere J21A (Hydrostatic Fluid), J20C (Hy-Gard™), J14C (Type 303 Fluid)
- Ford New Holland FNHA-2-C-201, M2C134-D, M2C53-B, M2C41-B
- Hesston-Fiat AF-87
- International Harvester B-6
- Kubota UDT Fluid
- Landini Tractor II Hydraulic Fluid
- Massey-Ferguson M-1141 (Permatran III™), M-1129A (Permatran™), M-1127A/B, M-1110
- Steiger SEMS 17001
- Sundstrand Hydrostatic Transmission Fluid
- Versatile 24M, 23M
- Vickers M-2950-S, I-286-S
- Volvo WB 101/VCE 1273.03
- White Farm Q-1826, Q-1802 (Type 55 Fluid), Q-1766B

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

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Outstanding Features

- Outstanding oxidation resistance
- Excellent wear protection for clutches, gears and hydraulic pumps
- Prevents brake chatter and grabbing
- Excellent rust and corrosion protection
- Outstanding seal compatibility
- Good foam resistance
- Suitable for year-round use in most climates

PowerTran™ Fluid Typical Properties

Density, g/cm ³ @ 15.6°C (60°F)	0.879
Color, ASTM D1500	3.5
Flash Point (COC), °C (°F)	210 (410)
Pour Point, °C (°F)	-43 (-45)
Viscosity,	
cP @ -20°C (Brookfield)	2,800
cP @ -35°C (Brookfield)	26,700
cSt @ 40°C	61.0
cSt @ 100°C	9.3
SUS @ 100°F	313
SUS @ 210°F	57.6
Viscosity Index	146
Ash, Sulfated, ASTM D874, wt %	1.48
Total Base Number, ASTM D2896	9.7
Zinc, wt %	0.151

Due to continual product research and development, the information contained herein is subject to change without notification.

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