



### DESCRIPTION

SynGard™ Universal Heavy Duty Tractor Hydraulic and Transmission Fluid is an all-weather Universal Tractor Transmission Oil that contains viscosity index improvers to improve operation at low temperatures while maintaining full viscosity at operating temperatures. This product is blended to meet all major OEM performance requirements and uses OEM approved additive technology.

OEM approved drive-train additives are added to enhance performance and provide extreme pressure (EP) protection for highly loaded gears and proper frictional characteristics needed for wet-clutches and brakes. Eliminates chatter common with many fluids. This product is designed to meet the heavy demands of farm tractors, construction equipment and logging equipment where a single fluid services the transmission, wet clutch, wet brake, power steering and final drives for two wheel and four wheel drive equipment.

### BENEFITS

- ❑ Protects gears with EP additives
- ❑ Inhibits rust, corrosion and foaming and aids in water tolerance
- ❑ Mixes safely with all OEM fluids
- ❑ Proper frictional control for wet brakes and clutches
- ❑ OEM approved additive system

### APPLICATION

- Farm tractors
- Construction equipment such as dozers, front end loaders, excavators
- Logging equipment such as skidders, feller bunchers, harvesters, loaders
- High pressure hydraulic systems where multi-viscosity fluids are preferred

### PERFORMANCE

**May Be Used Where the Following Fluids are Recommended:**

- John Deere J20D
- Case/IH - JIC 143, 145, MS-1204, MS-1205, MS1206, MS-1207
- Ford/New Holland - ESN-M2C, 134 A, B, C, D; M2C86B, M2C41B, M2C48B, M2C53A, FNHA2-C-200, FNHA-2-C-201, CNH MAT 3525, 3526
- Massey Ferguson - M-1145, M-1141, M-1135, M-1143, M-1129-A, M-1127-A/B, M-1110
- JCB - Transmission/Hydraulic Fluid • AGCO, White, New Idea - PF821XL, Q-1722, Q-1802, Q-1826
- Volvo - WB101
- Caterpillar - TO-2
- Kobelco - UDH Fluid
- Komatsu - Transmission/Hydraulic Fluid TYPICAL PROPERTIES
- Kubota - UDT Transmission/Hydraulic Fluid/Super UDT
- Sundstrand - Hydrostatic Transmission Fluid
- Allison Transmission - C-3, C-4 (Where Tractor Fluids are recommended)

TYPICAL PROPERTIES	METHOD	All-Season UTTO 5W-20
Specific Gravity at 15.6°C	D-1298	0.8718
Viscosity, cSt at 100°C	D-445	7.77
Viscosity Index	D-2270	178
Viscosity, cP at -18°C	D-2983	1,350
Sulphur Content %	D-2622	0.292
Flash Point, COC, °C (°F)	D-92	207 (405)
Pour Point, COC, °C (°F)	D-97	-51 (-60)
Foam, Sequence II	D-892	0 / 0
Copper Strip Corrosion	D-130	1A
ML Reference No.		590944



**NOTE:**

The information on this Product Data Sheet is believed to be accurate and is typical of current production.

Specifications are subject to change without notice.

**Health And Safety Information** See separate Safety Data Sheets available on request.

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