Synthetic All-Season Tractor Hydraulic & Transmission Oil

Full Synthetic Farm, Construction and Logging Lubricant
OEM Formulated for Year Round Use

DESCRIPTION

Syngard™ Universal Heavy Duty Tractor Hydraulic and Transmission Fluid is an all-weather Universal Tractor Transmission Oil (UTTO) 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.

Syngard™ Universal Heavy Duty Tractor Hydraulic and Transmission Fluid is engineered using premium synthetic base oils specially selected for their resistance to oxidation, clarity and thermal stability. OEM approved drive-train additives are then 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. Separates water easily to prevent rust and corrosion inside transmission.

Syngard™ Synthetic All Season Tractor Hydraulic and Transmission Fluid 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.

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

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
PERFORMANCE LEVELS

John Deere  J20C (Hy-Gard, Quatrol), D (Low Temp Hy-Gard)
Case/ IH  JIC 143, 145, 145, 146 MS-1204, MS-1205 (TFD), MS 1206 (PowerGard), MS-1207 (Hy-Trans Plus),
Ford / New Holland  MS-1209 (Hy-Tran), MS-1210, ESN-M2C 134A, B, C, D; M2C86B, M2C41B, M2C48B, M2C53A,
                FNHA-2-C-200, FNHA-2-C-201
Massey Ferguson  M-1141 (Permatran® Ill), M-1135, M1143, M1129-A, M-1127-A/B, M-1110
Agco, White, Allis-Chalmers  PF821XL, M-1127B, M-1129A, M1135, M1141,
                                Permatran III, Q-1722
Caterpillar  TO-2
Kobelco  UDH Fluid
Komatsu  Transmission / Hydraulic Fluid
JCB  Transmission / Hydraulic Fluid
Kubota  UDT Transmission / Hydraulic Fluid/ Super UDT
Sundstrand  Hydrostatic Transmission Fluid
Allison Transmission  C-3, C-4 (When Tractor Fluids are recommended)

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Method</th>
<th>All Season UTTO (5W-20)</th>
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<tbody>
<tr>
<td>Specific Gravity at 15.5°C</td>
<td>D-1298</td>
<td>0.8718</td>
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<tr>
<td>Viscosity, cSt at 100°C</td>
<td>D-445</td>
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<td>Viscosity Index</td>
<td>D-2270</td>
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<td>Viscosity, cP at -18°C</td>
<td>D-2983</td>
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<td>Sulphur Content %</td>
<td>D-2622</td>
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<td>Flash Point, COC °C (°F)</td>
<td>D-92</td>
<td>207 (405)</td>
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<td>Pour Point, °C (°F)</td>
<td>D-97</td>
<td>-51 (-60)</td>
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<td>Foam, Sequence II</td>
<td>D-892</td>
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<td>Copper Strip Corrosion</td>
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<td>1A</td>
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ML Item No. - 590944

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. For additional qualifications, please contact Martin Technical Service Department.

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

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