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DATA SHEET

Commercial-Grade Tractor Hydraulic/Transmission Oil

Formulated for Long Component Life



AMSOIL Commercial-Grade Tractor Hydraulic/Transmission Oil is a synthetic-blend Universal Tractor Transmission Oil (UTTO) designed to provide outstanding value for customers seeking an upgrade over competing conventional and synthetic-blend oils. It provides excellent protection and long life in hydraulic systems, hydrostatic transmissions, wet brakes and the power takeoff systems in severe-service agricultural and commercial equipment. It delivers outstanding protection while suppressing wet-brake chatter for reduced maintenance and reliable operation.

Outstanding Wear Protection

Formulated with greater than 50% synthetic content and high-performance additives, AMSOIL Commercial-Grade Tractor Hydraulic/Transmission Oil minimizes viscosity change and provides outstanding wear protection under all load conditions.

Product Benefits

- Anti-wear additives protect gears and other components under heavy loads for long pump and valve life.
- Recommended for a range of applications, helping consolidate inventory and reduce misapplication.
- Friction-modifier additives promote consistent clutch operation, reduced chatter and smooth operation.
- Anti-foam additives help control fade and reduce sponginess.
- Resists oxidation at high temperatures for long oil and component life.
- Conditions seals and hoses to help prevent leaks.

Suppresses Brake Chatter

AMSOIL Commercial-Grade Tractor Hydraulic/Transmission Oil is formulated with high-quality friction modifiers that suppress wet-brake chatter. Unlike lower-quality oils that can break down and cause vibration, AMSOIL Commercial-Grade Tractor Hydraulic/Transmission Oil provides continuous frictional stability for long-term smooth brake operation.

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TYPICAL TECHNICAL PROPERTIES

Commercial-Grade Tractor Hydraulic/Transmission Oil (TCGSB)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	9.5
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	54.3
Viscosity Index (ASTM D2270)	159
Flash Point °C (°F) (ASTM D92)	230 (446)
Fire Point °C (°F) (ASTM D92)	238 (460)
Pour Point °C (°F) (ASTM D97)	-45 (-49)
Four-Ball Wear Test (ASTM D4172 @ 40 kg, 75°C, 1200 rpm, 1 hr), Scar, mm	0.33
Brookfield Viscosity @ -35°C (ASTM D2983)	18900

APPLICATIONS

Use AMSOIL Commercial-Grade Tractor Hydraulic/Transmission Oil in equipment combinations of transmissions, hydraulic systems, final drives, power take-off systems and wet brakes operating in hot and cold temperatures, including, but not limited to, those listed below. Consult your owner's manual for specific application requirements:

- Farm tractors and equipment
- Compact tractors
- Fork lift trucks
- Off-road equipment
- Lawn tractor hydrostatic transmissions
- Golf course mower hydrostatic systems

SPECIFICATIONS

Use AMSOIL Commercial-Grade Hydraulic/Transmission Oil in transmission and hydraulic applications that require any of the specifications listed below, including farm tractors and equipment, compact tractors, fork lift trucks, off-road equipment, lawn tractors and golf course mowers. Consult your owner's manual for specific application requirements.

- John Deere J20C
- API GL-4
- CAT TO-2
- Kubota UDT
- Allison C4
- Massey Ferguson M1135, M1141, M1143, M1145
- Volvo WB101
- Ford M2C134D, M2C86B/C
- Case/Case New Holland NH410B, NH420A, CNH MAT3525, CNH MAT3526, J.I. Case/Case International MS-1204, 1206, 1207, 1209
- Sauer Sundstrand/Danfoss
- Sperry Vickers Eaton I-286-s & M2950s

INSTALLATION

AMSOIL Commercial-Grade Hydraulic/Transmission Oil is compatible with conventional tractor hydraulic/transmission oils. To install AMSOIL Hydraulic/Transmission Oil in a hydraulic system, drain the existing hydraulic/transmission oil, change filters and install AMSOIL Commercial-Grade Tractor Hydraulic/Transmission Oil.

SERVICE LIFE

AMSOIL Commercial-Grade Hydraulic/Transmission Oil is recommended for the drain intervals stated by the original equipment manufacturer (OEM). Refer to the owner's manual for the specific oil change interval. Intervals may be extended beyond the OEM-recommended interval with oil analysis.

TECHNICAL SERVICES

For immediate answers to your technical questions call (715) 399-TECH (8324) between 8 a.m. and 5 p.m. Central time or email tech@AMSOIL.com.

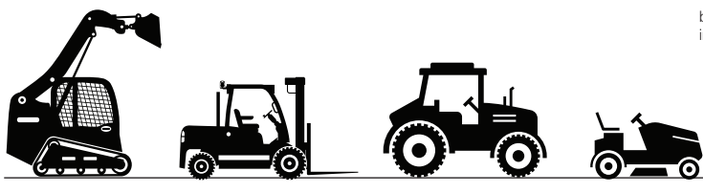
PRODUCT WARRANTY

Using AMSOIL lubricants does not void your new vehicle or equipment manufacturer's warranty. All AMSOIL lubricants and filters are covered by the AMSOIL Limited Warranty. For complete information visit AMSOIL.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available online at AMSOIL.com or upon request at (715) 392-7101. **Keep Out of Reach of Children**. Recycle used oil and bottle.

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