

U1P-Duty - SAE 10W Transmission Drivetrain Torque Fluid, TO-4

U1P-Duty - SAE 30 Transmission Drivetrain Torque Fluid, TO-4

U1P-Duty - SAE 50 Transmission Drivetrain Torque Fluid, TO-4

Product Description

U1P-DUTY Transmission Drivetrain Torque Fluid is a high-performance multi-purpose transmission and drivetrain fluid designed for powershift transmissions, final drives, wet brakes, differentials, hydraulic systems, and power-steering units in many different newly developed and older makes of transmissions, tractors and heavy-duty equipment requiring TO-4 or C-4 specification.

U1P-DUTY Transmission Drivetrain Torque Fluid is formulated with high viscosity-index type II paraffinic base stocks and Ultra-premium performance additives including detergent, anti-wear, anti-corrosion, extreme pressure, dispersants, and anti-foaming agents. The additive protection provides maximum gear life and torque transmission capacity for wet brakes and power-take-off clutches, excellent wet brake noise suppression and filterability characteristics for exceptional fluid cleanliness and equipment reliability. This oil is specially blended to prevent rust, corrosion, foaming and oxidation, to offer excellent torque transmission, seal compatibility and viscosity stability for a constant outstanding performance over the whole life of the lubricant, protecting against wear even in the most severe high loads extreme temperature service conditions. **U1P-DUTY Transmission Drivetrain Torque Fluid** is available in SAE 10W, SAE 30, and SAE 50 viscosity grades.



Features and Benefits

- Minimal downtime: Complete compatibility with seals, clutch, O-rings, and packing materials maintains their good condition, securing proper operation and minimizing leaks.
- Long equipment life and smooth operation: Excellent frictional control helps prevent clutch slippage and offers quiet and efficient torque transmission and brakes action while minimizing wear.
- Long oil life: The high viscosity-index type II paraffinic base stock withstands oxidation at high operating temperatures resulting in maximum oil service life.
- Reliable operation and Equipment protection: **U1P-DUTY Transmission Drivetrain Torque Fluid** prevents the formation of corrosion, varnish, and sludge, avoiding premature breakdowns and protecting all internal metal and highly finished precision parts against rust and wear, when operating under high load and/or humid conditions, and during seasonal shutdown storage periods.



This product meets or exceeds the requirements of:

Allison C-4 – SAE 10W and 30 grades
Caterpillar TO-4, CD/TO-2 – all grades
Komatsu Micro-Clutch – all grades
Vickers (Eaton) M-2950-S
Dana Powershift
Komatsu
Komatsu Dresser
Tremec/TTC
Vickers and ZF

Features and Benefits

SAE J300 Viscosity Grade	Test	Result		
		10W	30	50
Appearance	-	Amber, liquid		
Viscosity @ 40°C, cSt,	ASTM D445	40	100	195
Viscosity @ 100°C, cSt,	ASTM D445	6.3	11.5	18.0
Viscosity Index	ASTM D2270	105	102	100
Pour point, °C	ASTM D97	-37	-18	-15
Flash point, °C	ASTM D92	200	215	230

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Revised: 03/06/2023