

UNITED SYNTHETIC HEAVY DUTY TRANSMISSION FLUID



United Synthetic Heavy Duty Transmission Fluids are engineered for excellent protection of heavy-duty transmissions found in on- and off-road equipment.

Features:

- High film strength and load capacity protect gears and bearings against wear.
- Good cold-temperature properties reduce warm-up times and the need to switch to a lower viscosity in the winter.
- Thermal stability resists viscosity increases and provides strong protection at high temperatures.
- Excellent seal compatibility helps extend seal life and reduce leaks.
- Designed to prevent clutch slippage and glazing.
- Resists rust and foam while being non-corrosive to copper (yellow metals).

TYPICAL SPECIFICATION DATA

UNITED SYNTHETIC HEAVY DUTY TRANSMISSION FLUID		
SAE GRADE	10	30
Viscosity @ 100°C (cSt)	7.3	10.9
Viscosity @ 40°C (cSt)	42.8	76.1
Viscosity Index	134	132
Density (lb/gal)	7.10	7.28
Pour Point (°C)	-48	-40
Pour Point (°F)	-54	-40
Flash Point (°C)	246	230
Flash Point (°F)	475	446
Viscosity, Brookfield cP @ -35°C	10,920	
Viscosity, Brookfield cP @ -25°C		10,520
Four Ball Wear Scar	0.36	0.43

Meets or Exceeds:

- Allison C4
- Caterpillar TO-4
- DANA Powershift Transmissions
- Komatsu KES 07.868.1
- TE-ML 07F (30W)
- ZF TE-ML 03C

Product Availability: United Synthetic Heavy Duty Transmission SAE 10

- 5 Gal*
- 55 Gal*
- 275 Gal*

Product Availability: United Synthetic Heavy Duty Transmission SAE 30

- 5 Gal*
- 55 Gal*
- 275 Gal*

**Contact your local United Account Manager for product availability.*