



PRODUCT DATA SHEET

SYNTHETIC TO-4 SAE 10 30 50

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Scot Lubricants’ LLC (Scot) Synthetic Transmission Fluids, SAE 10W, 30 and 50, are advanced formulations used for powershift and manual transmissions, wet brakes and final drives. They are designed for high-torque heavy-duty powershift transmissions. Made for extended drain intervals, powershift transmission fluids contain top quality synthetic base oils and high levels of top-quality additives selected specifically for powershift transmissions. Exceptional transmission friction performance, smooth brake operation, gear and bearing wear protection and increased equipment life.

FEATURES:

Scot Lubricants’ Synthetic Transmission Fluids are formulated to provide:

- Stable frictional characteristics to assist in eliminating excessive brake noise and vibration.
- Non-slip friction properties prevent clutch slippage that may cause glazing or friction surface deposits and material degradation.
- Meets Caterpillar TO-4 specs and are formulated for superior shear stability
- Long-term protection against equipment wear
- Effectively protects components from wear in high temperatures
- Protects equipment from copper corrosion and rust.
- Protects equipment from metal-to-metal contact and wear

APPLICATIONS:

Scot’s Synthetic Transmission Fluids are recommended for heavy duty manual transmissions, dozers, wheel loaders and crawlers, backhoe loaders, cranes, off-road fork trucks, road graders, and mining equipment.

Scot’s Synthetic SAE 50 Transmission Fluid is formulated for use in Rockwell/Eaton/Fuller, Spicer Fabco, Warner and other large truck manual transmissions. Scot’s Synthetic 10W, 30 and 50 Transmission Fluid can be used in Eaton/Rockwell/Fuller transmissions, Brockhouse powershift-type transmissions, Caterpillar, Allison, Komatsu, Clark, Hurth, Borg-Warner, Twin Disc, Voith, and ZF Funk transmissions.

TYPICAL TECHNICAL DATA

	SAE 10W	SAE 30W	SAE 50W
Product Code	790	792	794
Viscosity @100°C cSt	7.3	11.4	18.8
Viscosity @ 40°C cSt	40.8	72.0	153
Viscosity Index	141	145	138
Flash Point °C (°F)	250 (480)	250 (480)	250 (480)
Pour Point, °C (°F)	-52 (-61)	-46 (-50)	-36 (-33)

AVAILABLE IN:

- Bulk
- 55 Gallon Drums
- 16 Gallon Quarter Drums
- 5 Gallon Pails