

Manual Transmission Fluid



Product Description

OTR™ Manual Transmission Fluid lubricant is transportation industry-oriented transmission oil which focus on the critical needs of heavy-duty truck transmissions. **OTR™ Manual Transmission Fluid** provides superior lubricant protection in the most severe service, including sub-arctic to desert conditions. **OTR™ Manual Transmission Fluid** is ideal for use in truck transmissions operating in standard drain service or in “out-of-warranty” situations. **OTR™ Manual Transmission Fluid** outperforms conventional transmission lubricants to promote longer gear life and better equipment operating economy.

Product Features and Benefits

OTR™ Manual Transmission Fluid SAE 50

An SAE 50 heavy-duty manual transmission lubricant containing all synthetic components to extend lubricant service life and transmission drain intervals.

Superior lubricating and frictional characteristics improve fuel mileage and give better operating performance when used in manual transmissions.

Provides excellent performance over a wide temperature range including sub-zero service, promoting smoother, easier shifting.

The additive package provides corrosion protection and is safe for bronze, copper and steel components.

Typical Applications

OTR™ Manual Transmission Fluid SAE 50

Heavy duty manual transmissions where extended service intervals are required.

Heavy duty manual transmissions requiring API GL-4 & MT-1 performance.

On-highway commercial light and heavy duty trucking, buses and vans.

Off-highway equipment including: construction, mining and agriculture.

Typical Properties

SAE Viscosity Grade	Test Method	50
Viscosity @ 100°C,cSt	ASTM D445	17.6
@ 40°C,cSt	ASTM D445	120
Viscosity Index	ASTM D2270	162
Pour Point, °F (°C)	ASTM D97	-53 (-47)
Flash Point, °F (°C)	ASTM D92	437 (210)
API Gravity	ASTM D4052	24.0
FZG Test, Pass Stage	ASTM D5182	10

OTR™ Part Number:

Pail (Plastic) – 5 Gal

PTSN-50W-5G