

SYNTHETIC HEAVY DUTY TRANSMISSION FLUID

SAE 40 & 50

Product Description

Synthetic Heavy Duty Transmission Fluid is formulated from premium synthetic hydrocarbon base stocks to deliver exceptional performance in heavy-duty truck manual transmissions. Thermal and oxidation stability is achieved with advanced additive chemistry, ensuring extended drain intervals and excellent protection. This fluid provides high film strength, superior anti-wear protection, rust and yellow metal protection, and exceptional lubrication at high temperatures for all-climate performance.

Applications

Recommended for manual transmissions and system applications requiring API MT-1 type lubricant service.

- SAE 40 is suitable where Mack TO-A Plus, API GL-1 through GL-4 (non EP), Eaton PS-386, and Navistar MPAPS B-6816 Type 2 fluids are required.
- SAE 50 is suitable where Eaton PS-164 Revision 7, Navistar MPAPS B-6816 Type 1, ZF FreedomLine, and Meritor 081 fluids are specified.

Typical Properties

Property	SAE 40	SAE 50
Viscosity, cSt @ 40°C	89.8	151
Viscosity, cSt @ 100°C	14.1	19.8
Viscosity Index	162	151
Flash Point, COC (°F)	455	455
Pour Point (°F)	-40	-40
Gravity, API @ 60°F	31.7	31.0

*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges.