

## #744 Synthetic Lube SAE 40

Synthetic Lube is a specially formulated synthetic lubricant designed for fuel efficiency, extended drain and severe service in heavy duty commercial vehicle transmissions which require a non-EP transmission lubricant. It is specially formulated to protect higher torque transmissions coupled with increased horsepower engines. It is approved for use in Eaton transmissions such as UI-trashift Plus, Fuller Advantage, FR and RT Series transmissions.

### APPROVALS

Synthetic Lube is a manual transmission fluid that meets or exceeds all performance requirements for:

- Eaton PS-386
- API MT-1
- Mack TO-A Plus
- Navistar MPAPS B-6816 Type II

### FEATURES AND BENEFITS

- Provides up to 1.5 % fuel efficiency improvement while maintaining excellent shear stability.
- Synthetic Lube provides high performance and extended drain capabilities in transmissions.
- Excellent thermal and oxidation stability to resist deposit and sludge formation.
- Excellent protection from corrosion, foaming, rust, and wear.
- The use of high viscosity index synthetic base fluids provide superior high and low temperature performance.
- Excellent friction retention, friction durability, and excellent shear stability to ensure and maintain smooth transmission operations throughout the extended drain interval.
- Reduces sump operating temperatures

### APPLICATION

Synthetic Lube Synthetic transmission fluid is recommended where wear, low temperatures or heat present major problems and a non-EP lubricant is required. Typical usage includes transmissions, transfer cases, and wheel end hubs. Recommended commercial vehicle applications include line haul, vocational, off-road, pick-up and delivery, and buses.



**TYPICAL PROPERTIES**

<b>SAE Grade</b>	<b>40</b>
Viscosity, cSt (ASTM D-445)	
100°C	14.8
40°C	95.1
Viscosity, cP (ASTM D-2893) -40°C	51,900
Viscosity Index (ASTM D-2270)	163
Pour point, °C (°F) (ASTM D-97)	-42 (-44)
Flash point, °C (°F) (ASTM D-92)	238 (460)
Fire point, °C (°F) (ASTM D-92)	276 (528)
API gravity, 15.6/15.6°C (ASTM D-287)	34.9
Density, g/l at 15.6°C (lbs./gal. at 60°F) (ASTM D-1298)	0.850 (7.09)