

#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 UltraShift 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 low temperatures, wear, 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

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| SAE Grade | 40 |
| Viscosity, cSt (ASTM D445) | |
| 100°C | 14.8 |
| 40°C | 95.1 |
| Viscosity, cP (ASTM D2893) -40°C | 51,900 |
| Viscosity Index (ASTM D2270) | 163 |
| Pour point, °C (°F) (ASTM D97) | -42 (-44) |
| Flash point, °C (°F) (ASTM D92) | 238 (460) |
| Fire point, °C (°F) (ASTM D92) | 276 (528) |
| API gravity, 15.6/15.6°C (ASTM D287) | 34.9 |
| Density, g/l at 15.6°C (lbs./gal. at 60°F) (ASTM D1298) | 0.850 (7.09) |