

Eaton PS-386 Synthetic Transmission Fluid



APPROVALS

Eaton PS-386 Synthetic Transmission Fluid is approved for these OEM specifications:

- Eaton PS-386 (supercedes PS-164 Rev 7)
- Mack TO-A Plus
- Navistar MPAPS B-6816 Type II
- API MT-1

PS-386 is a synthetic transmission fluid designed for fuel efficiency, extended drain intervals 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.

Features:

- Uniquely formulated to provide up to 1.5 percent fuel economy improvement while maintaining excellent shear stability.
- Provides high performance and extended drain capabilities in transmissions.
- Excellent thermal and oxidation stability which resists deposit and sludge formation.
- Advanced additive system provides excellent protection from corrosion, foaming, rust, and wear.
- High viscosity index synthetic base fluid allows for superior high and low temperature performance.
- Provides friction retention, friction durability, and excellent shear stability to ensure and maintain smooth transmission operations throughout the extended drain interval.
- Formulated to reduce sump operating temperatures.

Applications:

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.

Eaton Approved Lubricant

PS-386 Synthetic Transmission Fluid

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Eaton® PS-386 Synthetic Transmission Fluid

Technical Data

Typical Characteristics	PS-386	Test method
Viscosity, cSt 100 °C	14.8	ASTM D-445
40 °C	95.1	
Viscosity, cP -40 °C	51,900	ASTM D-2983
Viscosity index	163	ASTM D-2270
Pour point, °C (°F)	-42 (-44)	ASTM D-97
Fire point, °C (°F)	276 (528)	ASTM D-92
Flash point, °C (°F)	238 (460)	ASTM D-92
API gravity, degrees @ 15.6 °C	34.9	ASTM D-287
Density, g/l at 15.6 °C, (lbs/gal. at 60 °F)	0.850 (7.09)	ASTM D-1298

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

Handling

Please refer to safety data sheet for details.

Shelf life

The product in the original package can be stored for at least three years at ambient storage conditions without any deterioration.

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For spec'ing or service assistance,
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