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Emgard® MTF 7000

Synthetic Manual Transmission Fluid

Product Description

Emgard MTF 7000 synthetic transmission fluid is a uniquely formulated synthetic lubricant designed for fuel efficiency, extended drain intervals and severe service in heavy duty commercial vehicles. Emgard MTF 7000 synthetic transmission fluid is recommended when wear, low temperatures or heat present major problems and a non-EP lubricant is required.

Typical Application

Emgard MTF 7000 typical usage includes commercial vehicle components such as automated and manual transmissions, transfer cases, and wheel end hubs. Common commercial vehicle applications include line-haul, vocational, off-road, pick-up and delivery, and charter buses. Emgard MTF 7000 is approved for use in Eaton transmission models such as Endurant, Ultrashift Plus, Fuller Advantage, and FR and RT Series transmissions.

Approvals and Specifications

Industry Standards: API Category MT-1

OEM Approvals:
Eaton PS-386
Mack TO-A Plus
Meritor O-81
Navistar MPAPS B-6816 Type II

Features and Benefits

- Provides up to 1.5% fuel economy improvement while maintaining excellent shear stability.
- Enables high performance and extended drain capabilities.
- Resists deposit and sludge formation with excellent thermal and oxidation stability.
- Provides protection from corrosion, foaming, rust, and wear.
- Supports low and high temperature extremes.
- Ensures friction retention, friction durability, and excellent shear stability to maintain smooth transmission operations throughout the extended drain interval.

Typical Properties

Property	Unit	Method	Typical Value
SAE Viscosity Grade		SAE J300	40
		SAE J306	75W-90
Viscosity, 100°C	cSt	ASTM D-445	14.8
Viscosity, 40°C	cSt	ASTM D-445	95.1
Viscosity Index		ASTM D-2270	163
Viscosity, -40°C	cP	ASTM D-2983	51,900
Pour Point	°C	ASTM D-97	-42
Flash Point	°C	ASTM D-92	238
Fire Point	°C	ASTM D-92	276
API Gravity, 15.6°C	degrees	ASTM D-1298	34.9
Density, 15.6°C	g/ml		0.850
	(lbs./gal.US)	ASTM D-1298	(7.09)

Handling

Please refer to material safety data sheet for details.

Shelf life

The product in the original package can be stored for at least 3 years at ambient storage conditions without any deterioration.

Notes

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.

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