



LUBRICANTS



Product Data Sheet

Gulf Transcrest® MTF 40

Synthetic Manual Transmission Fluid

Gulf Transcrest® Synthetic MTF (Manual Transmission Fluid) is backward serviceability and meets current requirements for Eaton heavy-duty manual and automated transmissions outlined in Eaton PS-386 specification. Transcrest® MTF 40 is engineered for extended drain and severe service in modern, heavy-duty manual and semi-automatic transmissions used in commercial vehicles where the OEM specifies a non-EP SAE 40 or SAE 50 API MT-1 transmission fluid, an GL-1 SAE 90 gear oil, or an SAE 40 or SAE heavy-duty engine oil. It is backwards compatibility and serviceable to previous *Eaton PS-164 Rev 7* specification allowing for full intermixing for top off and service of existing units filled with this now obsolete Eaton specification.

Features and Benefits

- Easier cold weather shifting
- Improved component protection
- All-climate, year-round performance
- Potential for maximum fuel economy
- Potential 500,000-mile drain intervals in line haul service
- Meets or exceeds requirements of the API service MT-1 classification
- Replaces SAE 50 transmission fluid and is for use where SAE 50 weight was recommended.

Applications

- Eaton PS-386 (supersedes PS-164 Rev 7) -Not Officially Approved by Eaton
- Eaton Ultra Shift Automated Manual Transmissions
- Mack Truck TO-A-Plus
- Navistar MPAPS B-6816 Type II
- API MT-1
- Meritor O-81
- ZF FreedomLine® (AS-Tronic)
- Volvo iShift Transmissions
- Mack mDrive Transmissions
- Meritor Transfer Cases



1-800-566-4853



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Typical Properties

SAE Grade	Test Method	40
Product Code		337210
API Classification		GL-4
Appearance, visual		Amber
Viscosity, cSt @ 40°C	ASTM D-445	93
Viscosity, cSt @ 100°C	ASTM D-445	14.8
Viscosity Index	ASTM D-2270	168
Brookfield Viscosity, cP -40°C	ASTM D-2983	48,000
Pour Point, °F	ASTM D-97	-45
Flash Point, °F	ASTM D-92	460
Foam Test	ASTM D-892	Pass
Copper strip corrosion	ASTM D-130	1A

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture. Product formulations are subject to change without notification.

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