

ECOSE[®] SYNTHETIC MTF 40

Synthetic Manual Transmission Fluid

ECOSE[®] Synthetic MTF 40 is a synthetic, manual transmission lubricant formulated to meet the performance demands outlined in Eaton PS-386 specification. **ECOSE[®] Synthetic MTF 40** is engineered for extended drain and severe service in modern, heavy-duty manual transmissions requiring a non-EP lubricant. **ECOSE[®] Synthetic MTF 40** 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 / BENEFITS:

ECOSE[®] Synthetic MTF 40 meets or exceeds the requirements of the API service MT-1 classification and is recommended for use in transmissions, transfer cases and wheel end hubs where API Service GL-1 through GL-4 (non-EP) gear protection is required.

Additional benefits include:

- 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

APPLICATIONS:

ECOSE[®] Synthetic MTF 40 is a fuel-efficient, manual transmission lubricant designed for year-round use in light to heavy-duty on-and off-highway equipment. Replaces SAE 50 transmission fluid and is for use where SAE 50 weight was recommended. **ECOSE[®] Synthetic MTF 40** is suitable for use when the following performance requirements are outlined:

- Eaton PS-386 (supersedes PS-164 Rev 7)
(Not Officially Approved by Eaton)
- 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
- Con Met Wheel Ends

AVAILABILITY:

ECOSE® Synthetic MTF 40 is available throughout Nu-Tier Brands' marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.

Typical Properties

SAE Grade		40
Product Code	Test Method	537210
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.