

Technical Product Information
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Premium
 Performance

EVEREST®

Full Synthetic SAE-50 Transmission Fluid

Everest Full Synthetic SAE-50 Manual Transmission Fluid is an API MT-1 fluid developed explicitly for heavy-duty manual and automated manual transmissions used in trucks, buses, industrial and off-highway heavy equipment that require a non-EP oil for operating in severe conditions or extreme temperatures for extended service intervals. Its full synthetic, high viscosity index, and low-temperature fluidity provide exceptional performance and service over a wide range of temperature zones, including faster lubrication and easier start-up in sub-zero conditions. It contains special anti-wear additives and inhibitors for rust, oxidation, and corrosion that protect bearings and synchronizers, reduce component wear, and promote longer transmission and lubricant life.

Everest Full Synthetic SAE-50 Manual Transmission Fluid meets or exceeds most American, Asian, and European manufacturers' standards including API GL-1 through GL-4, MT-1, Eaton Extended Drain PS 164 rev. 7, Meritor Extended Drain (TP 900014), Meritor 0-81, Mack TO-A Plus, Navistar TMS 6816, Volvo 97305, ZF FreedomLine (ZF-AS Tronic), and many other OEM specifications where a full synthetic SAE-50 transmission fluid is recommended.

Benefits

- Outstanding low temperature performance for easier shifting in cold weather
- Excellent shear stability to ensure smooth transmission operation
- Superior protection against corrosion oxidation and wear
- Improved corrosion resistance protects gear synchronizers
- Extended drain and service interval capability

Typical Characteristics Full Syn SAE-50 Trans Fluid

GRADE	Test Method	SAE-50
Color	ASTM D1500	1.5
Viscosity @ 100°C, cSt	ASTM D445	17.76
Viscosity @ 40°C, cSt	ASTM D445	118.8
Viscosity Index	ASTM D2270	166
Pour Point, °C/°F	ASTM D97	-45 / -49
Flash Point, COC °C/°F	ASTM D92	217 / 422
Specific Gravity @ 60°F/15.6°C	ASTM D4052	.8591

API MT-1
 API GL-1 through
 GL-5, Eaton PS 164
 rev.7, Meritor TP
 900014, Meritor
 0-81, Mack TO-A
 plus, Navistar TMS
 6816, Volvo 97305,
 ZF FreedomLine

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Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

HANDLING AND SAFETY INFORMATION - Refer to EVEREST (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.