



Product Bulletin

GULF SYNTHETIC TRANSMISSION OIL 50

Gulf Synthetic Transmission Oil 50 is a 100% synthetic, amber colored SAE 50 transmission lubricant designed specifically for extended drain and severe service in heavy-duty manual transmissions which require a straight mineral oil (non EP) gear or transmission lubricant.

FEATURES AND BENEFITS:

Gulf Synthetic Transmission Oil 50 is formulated from a synthetic base stock with a high viscosity index and low pour point to ensure superior all-season, year-round performance. It also contains an anti-wear additive, along with rust, oxidation, and corrosion inhibitors that protect bearings and synchronizers, reduce component wear and promote longer transmission and lubricant life. Additional benefits include:

- Potential for maximum fuel economy
- Easier cold weather shifting
- Improved component protection
- Extended Drain Interval
- All-climate, year round performance

APPLICATIONS:

Gulf Synthetic Transmission Oil 50 is a specially formulated synthetic transmission lubricant that meets or exceeds the following performance requirements:

- Eaton Transmission Div., PS-164 Rev.7
- Mack Truck TO-A-Plus
- International Truck TMS 6816
- API MT-1
- ArvinMeritor 0-81
- ZF Freedomline



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AVAILABILITY:

Gulf Synthetic Transmission Oil 50 is available throughout Gulf's marketing area. Your Gulf representative or Gulf Jobber can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853).

Gulf Synthetic Transmission Oil 50 – Typical Properties

SAE Grade		50
Product Code	Test Method	337105
Appearance, visual		Amber
Viscosity, cSt @ 40°C	ASTM D-445	132
Viscosity, cSt @ 100°C	ASTM D-445	17.5
Viscosity, SUS @ 100°F	ASTM D-2161	678
Viscosity, SUS @ 210°F	ASTM D-2161	89.9
Viscosity, cP -40°C	ASTM D-2983	104,000
Viscosity Index	ASTM D-2270	146
Pour Point, °C (°F)	ASTM D-97	<-45 (<-49)
Flash Point, °C (°F)	ASTM D-92	221 (430)
Foam Test Sequence I Sequence II Sequence III	ASTM D-892	Pass Pass Pass
API Gravity, 15.6/15.6°C	ASTM D-287	33.0
Density, g/l, 15.6°C (lbs./gal., 60°F)	ASTM D-1298	860 (7.17)
Copper strip corrosion	ASTM D-130	
3 hrs. @ 100°C (212°F)		1a pass
3 hrs. @ 121°C (250°F)		1a pass