

Product Description

Roadmaster Synthetic Gear50-S, is a specially formulated synthetic lubricant designed for extended drain and severe service in heavy duty manual transmission which require a non-EP gear or transmission lubricant. It meets the latest OEM specifications including the new Eaton Specification PS 164 Rev. 7 for extended drain

Product Features & Benefits

Roadmaster Synthetic Gear50-S, SAE 50 is formulated from a synthetic base stock with a high viscosity index and low pour point, Gear50 lubricant provides superior all-climate, year-round performance. It also contains an anti-wear additive as well as rust, oxidation and corrosion inhibitors that protect bearings and synchronizers, reduce component wear and promote longer transmission and lubricant life. In addition, the high viscosity index, low pour point and sub-zero fluid flow provide for easier cold weather shifting, less drag and less gear wear because vital transmission parts are lubricated quickly. Since Gear50-S lubricant is highly stable when exposed to severe heat, oxidation and shear conditions, it provides exceptional high temperature lubrication for extended drain intervals. The superior all-season lubricating properties mean less friction and drag in the transmission, resulting in a potential for fuel economy. These benefits translate directly into reduced maintenance and replacement parts cost and less downtime.

Additional Information

Gear50-S (SAE 50) provides:

- All-climate, year-round performance
- Extended drain interval
- Improved component protection
- Potential for fuel economy
- Easier cold weather shifting
- Protection for components against wear under the conditions of normal and high load
- Optimized for smoother gear shifts
- Stay in grade performance so the oil maintains it's performance throughout its life-time.
- Excellent oxidative and thermal stability preventing oil thickening and deposit formation, resulting in better component protection
- Rust and corrosion prevention by protecting parts from moisture which helps to extend the life of automotive transmissions.

Typical Characteristics

Viscosity @100°C cSt	17.5	ASTM D445	Pour Point °C	<-45	ASTM D97
Viscosity @40°C cSt	132	ASTM D445	Foil • Sequence I • Sequence II • Sequence III	Pass	ASTM D892
Viscosity @-40°C cP	104,000	ASTM D2983		Pass	
Viscosity Index	146	ASTM D2270		Pass	
Density @15.6°C	0.860	ASTM D1298	Copper Strip Corrosion • 3 Hours @ 100°C • 3 Hours @ 121°C	1a Pass	ASTM D130
Flash Point °C	221	ASTM D92		1a Pass	

Performance Levels

Gear50-S (SAE 50) is a specially formulated synthetic transmission lubricant that meets or exceeds all performance requirements for:

API MT-1	Eaton Transmission Div. PS-164 rev 7
ZF Freedomline / Eurotronic 2	AvinMeritor O-81 (pending)
International TMS 6816	Mack Truck TO-A Plus