

Description

RoadRanger PS-386 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 386 Rev. 7 for extended drain.

Applications

Roadranger PS-386 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 its performance throughout its lifetime.
- 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.

Features & Benefits

Roadranger PS-386, SAE 40 is formulated from a synthetic base stock with a high viscosity index and low pour point, Roadranger PS-386 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 Roadranger PS-386 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.

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Specifications

Properties	Method	Result
Specific Gravity @ 20°C	ASTM D1298	0.860
Kinematic Viscosity @ 40°C	ASTM D445	132
Kinematic Viscosity @ 100 °C	ASTM D445	17.5
Viscosity @-40°C, cP	ASTM D2983	104,000
Viscosity Index	ASTM D2270	146
Flash Point °C	ASTM D92	221
Pour Point °C	ASTM D97	<-45
Foam	ASTM D892	
Sequence I		Pass
Sequence II		Pass
Sequence III		Pass
Copper Strip Corrosion	ASTM D130	
3 Hours @ 100 °C		1a Pass
3 Hours @ 121 °C		1a Pass

Performance Levels

Roadranger PS-386 is a specially formulated synthetic transmission lubricant that meets or exceeds all performance requirements for:

API MT-1	Eaton Transmission Div. PS-386 rev 7
ZF Freedomline / Eurotronic 2	Avin Meritor O-81 (pending)
International TMS 6816	Mack Truck TO-A Plus

Master Item# 1303

Pack Size Availability: 20L & 200L

Last Updated: 30th November 2023

Previously Updated: 3rd March 2021