



NAVIGATOR LL SAE 40

Description

Synthetic fluid approved by EATON as PS-386, to use in Eaton-Fuller transmissions for severe service and long oil drain intervals in heavy-duty vehicles. This new specification PS-386 replaces Eaton PS-164 Rev. 7 specification, and is backwards compatible with it. Advantage over the older specification is that this new lubricant performs better in fuel economy tests. Contribute up to 1.5% fuel economy, improving gearbox efficiency compared with conventional lubricants.

It is recommended for gearboxes where a non-EP lubricant is required. Approved applications include Manual, Automated and Hybrid (EH series) Eaton Fuller Transmissions, up to 18-speed (FO, FM, FS, RT, FR series, Fuller Advantage, Ultrashift PLUS, Freightliner M2, Cascadia, New Cascadia, Coronado, Kenworth (T, W and off highway series), Thomas Built Buses, etc.

Properties

- High performance under severe service, and extended drain intervals
- Provides up to 1.5 % fuel economy improvement while maintaining excellent shear stability.
- Provides protection from corrosion, foaming, rust and wear, extending components life.
- Ensures friction retention, friction durability, and excellent shear stability to maintain smooth transmission operations throughout the extended drain interval.

Quality levels, approvals and recommendations

- EATON FULLER: PS-386*
- EATON FULLER: PS-164 Rev 7 (obsoleto)
- MERITOR: O-81
- API: MT-1
- MACK: TO-A Plus
- NAVISTAR: MPAPS B-6816 Type II

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			75W-90
Density at 15 °C	g/mL	ASTM D4052	0.852
Viscosity at 100 °C	cSt	ASTM D445	15.3
Viscosity at 40 °C	cSt	ASTM D445	99.1
Viscosity at -40 °C	cP	ASTM D2983	54,000
Viscosity index	-	ASTM D2270	163
Flash point, open cup	°C	ASTM D92	226
Pour point	°C	ASTM D97	-45

The above mentioned characteristics are typical values and should not be considered product specifications.