



TECHNICAL DATA

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#741 SYNTHETIC LUBE EP E/A SAE 75W-90

Synthetic Lube EP E/A SAE 75W-90 is a **Fuel Efficient**, thermally stable, extreme pressure, multipurpose, synthetic gear lubricants that is formulated to provide improved fuel economy in heavy, mid and light duty automotive applications. Synthetic Lube EP E/A SAE 75W-90 is recommended for use in those applications that require the use of an approved lubricant for Eaton®, Fuller Roadranger and Meritor (formally Rockwell International) extended warranties.

Synthetic Lube EP E/A SAE 75W-90 is blended from the finest quality synthetic base fluids available. These synthetic base fluids have a very high viscosity index and an exceptionally low pour point. Formulated into these synthetic base fluids is a non-corrosive multifunction additive system that contains extreme pressure additives, as well as rust, oxidation and corrosion inhibitors to protect gears and bearings operating under a wide variety of load conditions from excessive wear, premature bearing and gear fatigue, spalling, pitting and scoring. This formulation also provides the Synthetic Lube EP E/A SAE 75W-90 with an optimized viscosity that allows for lower churning losses, while still maintaining superior bearing and gear protection.

Synthetic Lube EP E/A SAE 75W-90 provides the following performance benefits:

1. **Increased operating performance range with improved fuel economy of 1%**
2. **Longer axle component life with reduced gear wear for increased gear life**
3. **Improved protection in extreme operating conditions**
4. **Excellent high temperature thermal stability and durability**
5. **Extended drain capabilities and extended warranty protection**
6. **Reduced maintenance and downtime costs for increased vehicle uptime**

Synthetic Lube EP E/A Gear Lubricant SAE 75W-90 is approved by Eaton and Meritor Automotive Inc. (formerly Rockwell International) for their 750,000 mile extended warranty program.

Synthetic Lube EP E/A Gear Lubricant SAE 75W-90 meets and exceeds the following specifications and manufacturers requirements: API Service Classifications: GL-5 and MT-1; United States Military Specifications: MIL-PRF-2105E, SAE J2360; Dana SHAES 256 Rev C and SHAES 429; Eaton Axle PS-037, PS-037, PS-163, PS-109; Mack GO-J and GO-J Plus; Navistar TMS 6816; Meritor/Rockwell O-76E and O-76N.

TYPICAL PROPERTIES

SAE Grade	75W-90
Density @ 60°F (15.5°C)	.849
Viscosity, cSt @ 40°C ASTM D-445	103
Viscosity, cSt @ 100°C ASTM D-445	15
Viscosity Index ASTM D-2270	152
Viscosity, cP @ -40°C ASTM D-2983	90,000
Flash Point °F (°C) ASTM D-92	420° (215°)
Pour Point °F (°C) ASTM D-97	-49° (-45°)
Copper Strip Corrosion Test ASTM D-130 3 hours @ 100°C	1a
3 hours @ 121°C	1a
FZG Failure Load Stage ASTM D-5182	>12