

**M Y S T I K<sup>®</sup> S X - 7 0 0 0<sup>®</sup> S Y N T H E T I C  
F L U I D S**



Date 10/06

**The Ultimate in Extended Gear Protection  
Approved for Eaton<sup>®</sup> Roadranger<sup>®</sup> and Rockwell Extended Warranties**

**DESCRIPTION:**

Mystik SX-7000 Synthetic Fluids are heavy-duty, state-of-the-art premium synthetic lubricants accepted by the Eaton/Fuller Corporation and Rockwell for use in conjunction with their extended warranty programs. These lubricants will also provide exceptional service in Spicer/Dana transmissions and differentials. They meet API Service MT-1 performance requirements for use in non-synchronized manual transmissions used in buses and heavy-duty trucks. They exhibit superior performance at extreme temperatures and maximum component protection for the extended long haul. The high and low temperature performance and long-term thermal, oxidation and shear stability (resistance to viscosity loss in service) of these products is far superior to conventional transmission and drive axle lubricants. With up to 500,000 miles of useful life, these premium quality lubricants save the cost and inconvenience of frequent transmission and drive axle lube changes. That's ten times longer service in transmissions (50,000 miles normal) and two and a half times longer service in drive axles (100,000 miles normal) than using conventional petroleum-based lubricants.

Today's aerodynamic designs, increased loads, and tighter schedules and margins demand superior lubricant performance in terms of thermal stability and component protection with reduced maintenance and downtime. Better operating performance can also be realized in terms of more horsepower and improved fuel mileage as a result of the superior lubricating properties of Mystik SX-7000 Synthetic Fluids.

<b>Product Name</b>	<b>Description</b>	<b>Use</b>
SX-7000 50	Synthetic SAE 50	Non-EP Transmission
SX-7000 75W-90	Synthetic SAE 75W-90	EP-Drive Axle/Transmission
SX-7000 80W-140	Synthetic SAE 80W-140	EP Drive Axle

**FEATURES:**

- Extended drain intervals
- All-climate, year-round performance
- Highly stable under conditions of severe heat, oxidation, and shear
- Superior low temperature performance
- Extremely low channel points
- Improved component protection
- Reduced component wear
- Longer drive axle and lubricant life
- Extended seal life
- Good foam control
- Excellent demulsibility
- Improved fuel economy and horsepower

**Mystik SX-7000 Synthetic Fluids 75W-90 and 80W-140** are heavy duty extreme pressure (EP) GL-5 synthetic gear lubricants specially formulated for extended drain and severe service in heavy duty drive axles. Fully synthetic base stocks with high viscosity indexes and low pour points are blended with an EP additive along with rust, oxidation, and corrosion inhibitors to provide superior performance and protection.

**NOTE:** Mystik SX-7000 50, 75W-90 and 80W-140 meet or exceed all applicable performance requirements for: API Gear Lubricant Classification GL-5 and MT-1. API MT-1 denotes lubricants intended for non-synchronized manual transmissions used in buses and heavy-duty trucks.

- MIL-PRF-2105E
- Eaton Corporation 750,000 Mile Extended Warranty Program (Eaton Axles/Fuller Transmissions)
- Arvin Meritor, 0-76-E, 0-76N, (75W-90), 0-76-B, 0-80, (80W-140)
- Transmission and Axle Divisions, Spicer/Dana Corporation SHAES
- Mack Truck GO-J and GO-J Plus (75W-90)
- General Electric D50E9C
- Harnishfeger (P&H) 474
- U.S. Steel 224 Demulsibility
- AGMA 250.02 Demulsibility

**Mystik SX-7000 Synthetic Fluid SAE 50** is recommended for heavy-duty service in manual transmission for which the manufacturer normally recommends either engine oils or GL-1 to GL-4 lubricants. This product contains antiwear, rust, oxidation, foam and corrosion inhibitors to protect bearings and synchronizers and to promote longer transmission life. As in the other products in this series, Mystik SX-7000 Synthetic Fluid SAE 50 provides improved start-up, easier shifting and less gear wear in low temperature environments. Less friction, less drag and improved oxidation resistance combine to provide fuel economy benefits and longer drain intervals.

## TYPICAL PROPERTIES:

### MYSTIK® SX-7000® SYNTHETIC FLUIDS

Material Code	663515002	663750002	663751002
SAE Viscosity Grade (J306-8)	50	75W-90	80W-140
AGMA Grade (ASTM D 2422)	–	4 EP	5-6 EP
Gravity, ASTM D 4052, °API	30.0	33.5	32.0
Specific Gravity at 60°F	0.92	0.91	0.92
Density, lb/gal at 60°F	7.28	7.15	7.25
Viscosities:			
at -15°F, cP	–	–	90,000
at -40°F, cP	50,000	125,000	–
at 40°C, cSt.	138.2	115.0	275.0
at 100°C, cSt.	18.0	15.5	30.0
at 100°F, SUS	685	665	1220
at 210°F, SUS	92	90	150
Viscosity Index	154	152	172
Pour Point, ASTM D 97, °F	-60	-65	-54
Channel Point, FTMS 3456, °F	–	-60	-55
Flash Point, ASTM D 92, °F	455	405	405
Foam Test, ASTM D 892, Sequence I, II, III	Pass	Pass	Pass
Copper Strip Corrosion, ASTM D 130			
3 hrs. at 212°F	Pass	Pass	Pass
3 hrs. at 250°F	Pass	Pass	Pass
Thermal Stability Test	Pass	Pass	Pass
Demulsibility Test	Pass	Pass	Pass
Timken OK Load, ASTM D 2782, lb	–	50	85
Four-Ball EP Weld Point, ASTM D 2783, kgf	–	–	400
Four-Ball Load Wear Index, ASTM D 2783, kgf	–	–	63.8
Color	8.0	2.0	2.0