



Monarch Syntran Plus 40

Full Synthetic Transmission Gear Oil

Monarch Syntran Plus 40 is a specially formulated synthetic lubricant designed for extended drain and severe service in heavy-duty manual transmissions which require a non-EP gear or transmission lubricant.

Formulated from a synthetic base stock with a high viscosity index and low pour point, **Monarch Syntran Plus 40** provides superior all-weather, year-round performance. It also contains an anti-wear additive as well as rust, oxidation and corrosion inhibitors. These are essential for protecting 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 **Monarch Syntran Plus 40** is highly stable when exposed to severe heat, oxidation and shear conditions, it provides exceptional high temperature lubrication for extended drain intervals.

Product Features:

- All-weather, year round performance
- Improved component protection

Customer Benefits:

- Easier cold weather shifting
- Extended drain interval
- Fuel economy

Applications & Approvals:

- Eaton Transmission Division
PS-164 (E500 – 500,000 mile drain interval Roadranger® Extended Warranty)
PS-081 (E250 – 250,000 mile drain interval Roadranger® Extended Warranty)
- Eaton (Dana/Spicer) and Meritor (formerly Rockwell International) for extended drain/ warranty applications – 750,000 mile transmission warranty coverage (Meritor with 500,000 mile factory-fill and Eaton with 500,000 mile service fill change intervals)





Applications & Approvals (cont.):

- API MT-1 performance requirements
- Mack TO-A Plus
- Meritor Automotive, Inc. 0-81 (syn.)
- Navistar TMS 6816
- Royal **Monarch Syntan Plus** is E500 Road ranger ® approved for 500,000-mile drain interval (both factory fill and service fill).

Typical Properties

Monarch Syntan Plus 40

Product Number	880	Test Method
SAE Grade	40	-
Viscosity @ 40°C, cSt	95	ASTM D445
Viscosity @ 100°C, cSt	14.8	ASTM D7042
Viscosity @ 100°F, SUS	485	-
Viscosity @ 210°F, SUS	79	-
Viscosity Index	163	ASTM D2270
Flash Point, °C	238	ASTM D92
Pour Point, °C	-42	ASTM D97
Specific Gravity @ 60°F	0.85	-
Density Lbs. /Gal.	7.09	-

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. www.royalmfg.com or call (918)-584-2671.

Packaging options:



5 Gal. Pails



55 Gal. Drums



275/330 Gal Totes



>2000 Gal Bulk