

# 752 | **Syn-O-Gen**

## Premium Manual Transmission Lubricant

**DESCRIPTION:**

752 Syn-O-Gen Premium Manual Transmission Lubricant is a 100% PAO pure synthetic product for heavy duty manual transmissions.

**COMPOSITION:**

Formulated from a synthetic basestock having a high viscosity index and low pour point, 752 Syn-O-Gen also has exceptional oxidation and thermal stability. This is true not only of the base stock, but of the specially formulated additive package. A carefully balanced blend of high performance additives provides excellent anti-wear protection not found in mineral oil lubricants, as well as the highest quality rust oxidation and corrosion inhibitors.

**PERFORMANCE  
CHARACTERISTICS:**

- Excellent Wear Performance
- No Foaming
- Copper Corrosion Resistance
- Superb Seal Compatibility
- Excellent Low Temperature Performance
- Helps Resist Rust
- Excellent Oxidative Stability
- Superb Frictional Properties

752 Syn-O-Gen is the ultimate high performance product for heavy duty manual transmissions. It is specially designed for extended drain and severe service. It provides superior all-climate year-round performance with the highest degree of component protection.

752 Syn-O-Gen protects bearings and synchronizers and promotes 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 parts are lubricated quickly. Since it 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 improved fuel economy. These benefits translate directly into reduced maintenance and replacement parts cost and less downtime.



SYNTHETIC LUBRICANTS

## 752 Syn-O-Gen Premium Manual Transmission Lubricant

### APPLICATIONS/USES:

Suitable for Use in the following (meets, then exceeds):

- |  |                                    |
|--|------------------------------------|
| API Service Category MT-1                            | Eaton Roadranger® Extended Drain   |
| Volvo I-Shift Transmissions                          | Spicer Transmission Extended Drain |
| Mack Truck TO-A Plus                                 | International TMS 6816             |
| Eaton PS-386, PS-164 Rev 7                           | ZF Freedomline                     |
| Meritor O-81 (Pub. TP-90014)                         | Mack mDRIVE Transmissions          |
| Dana Synchronized and Non-Synchronized Transmissions |                                    |

### TYPICAL SPECIFICATIONS:

Viscosity Grade, SAE J306 Viscosity Classification, Gear	75W-90
Sludge	None
EP Properties	
Weld Load, ASTM D2783	200
Wear Scar, mm, ASTM D4172	0.35
Copper Corrosion, ASTM D130, 3 Hours, 150 ° C	1b
Foam, ASTM D892	
Sequence I, II, III, mL	0
FZG Load Stage Failure, ASTM D5182	12+
Pour Point, ° C	-40
Viscosity Change	Pass
Viscosity Index, ASTM D2270	145
Yellow Metal Protection	Pass