

## SynGear SAE 50 Synthetic Manual Transmission Oil

### Description

Nemco SynGear SAE 50 Transmission Oil is a full-synthetic manual transmission lubricant for year-round use specially formulated for extended drain and severe service in heavy duty transmissions that do not require and EP (extreme pressure) lubricant. It is specially formulated to protect higher torque transmissions that are connected to increased horsepower engines.

Nemco SynGear SAE 50 is manufactured from synthetic base oils combined with an advanced additive system which results in excellent high-temperature oxidation stability, shear stability, anti-wear, rust, corrosion and oxidation performance maximizing protection of gears, bearings, synchronizers, shafts and other moving parts. The superior cold-flow properties include easier cold weather shifting, less internal drag, and less gear wear due to quick lubrication at low temps.

### Advantages

- Pumpability: outstanding low-temperature, all-temperature, year-round performance
- Durability: protects transmissions against higher torque and horsepower in severe service
- Fuel Economy: formulated to increase fuel economy up to 1.5% over mineral oils

### Applications

- Fleet Owner/Operators with manual transmissions and interested in extending oil drain intervals
- Fleets interested in ease of shifting, reduced downtime, better fuel economy and year-round use
- Note: Do not use SynGear SAE 50 in engines as crank case oil.

### Suitable/Recommended for

- API Service MT-1, GL-1
- Arvin Meritor (Rockwell) O-81
- International TMS 6816
- Mack TO-A-Plus
- ZF Freedom Line

### Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breath, moisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

### Typical Characteristics - SynGear SAE 50

Properties	Method	Performance
Kinematic Viscosity @40°C mm <sup>2</sup> /s	ASTM D445	132
Kinematic Viscosity @100°C mm <sup>2</sup> /s	ASTM D445	17.5
Viscosity Index	ASTM D2270	146
Brookfield, cP@-40°C	ASTM D2983	99,800
Copper Corrosion, 3hrs@121°C	ASTM D130	1A
Flash Point (CC) °C(°F)	ASTM D92	221(430)
Pour Point °C(°F)	ASTM D97	-45(-49)

*These characteristics are typical of current production, variations in these characteristics may occur.*

## Availability and product codes

Pack size	20L pail	205L drum	1,000L tote / Bulk
SYNGEAR 50	TFOSZ0008	TFOSZ0015	Special Order
Availability	To order, contact us toll free at 855.755.6737 or <a href="mailto:orderdesk@nemco.ca">orderdesk@nemco.ca</a>		

## Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at [nemco.ca](http://nemco.ca) under 'Safety Data Sheets'. For SDS in French, please contact [info@nemco.ca](mailto:info@nemco.ca). This product is classified under WHMIS 2015. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Avoid discharge into drains, soil, or water. As with any lubricant, keep out of reach of children and animals.

## Quality

Nemco works with respected industry suppliers. Nemco is a member of ILMA and is proud to be certified to ISO9001. For questions regarding quality, please contact our Technical Sales representatives.