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CONVOY FLEET GEAR SAE 50 (FULL SYN)

Last updated: 18/02/2026 8:59 am

PRODUCT CODE	PACK SIZE	CARTON QTY
FG50FULLSYN020	20L	
FG50FULLSYN205	205L	

PRODUCT BENEFITS

Convoy Fleet Gear SAE 50 is a premium fully synthetic, heavy duty gear oil for transmissions in severe duty applications. It is manufactured using an advanced additive system and a combination of synthetic base fluids to provide extended drain life and improve equipment life.

NOTE: Replaces **CONVOY FLEET GEAR 50 FULL SYN**

APPLICATION

Convoy Fleet Gear SAE 50 is designed for use in heavy duty transmissions in on and off highway applications. It is particularly suitable for use in Eaton (Road Ranger), Volvo, Mack, Spicer and many other transmissions operating in severe service conditions that require a SAE 50 lubricant. It can also be used in track roller, reduction hubs and industrial transmissions that specify SAE 50 oils.

It can be used in standard transmissions 6, 7 and 8 speed transmissions that required a non EP lubricant that receive severe duty use and require extended drain periods. It may also be used where Volvo 97315 and 97319 is specified in Volvo I-Shift automated manuals for non warranty service.

Convoy Fleet Gear SAE 50 meets or exceeds the Eaton Fuller requirements for 800,000 kilometre* oil drain intervals in the following transmissions.

7 speed A & B Ratios	9 speed A, B, R & H models
10 speed B & C ratios	All Super 10, 13 speed, 15 speed and Super 18 models

It also meets the 1,600,000 kilometre oil drain requirements for Eaton transmissions.*

- Contact Eaton for details on extended warranty drain intervals in Australia as conditions apply dependent on the operation of the vehicle. Typically 400,000km is used.
- **Please Note:** A 58mm cap with pouring tap is available to fit 7, 10 & 20 litre packs. <https://penriteoil.com.au/products/58mm-plastic-tap>

PRODUCT BENEFITS

- **SUPERIOR** protection of transmission parts.
- **LONG** drain life
- **REDUCES** wear even in high ambient conditions.
- **IMPROVED** fuel economy
- **LESS** transmission friction and drag.
- **RESISTS** oil thickening.
- **BETTER** oxidation resistance.

PRODUCT PERFORMANCE LEVELS

- | | |
|----------------------|---------------------------------------|
| • API GL-4 | • Mack TO-A Plus |
| • API MT-1 | • Meritor (Rockwell) O-81 (Synthetic) |
| • Eaton PS-164 Rev 7 | • Volvo 97315 |

TYPICAL DATA

Colour	Amber
Density at 15°C, kg/L	0.860
Viscosity, Kinematic, cSt at -40°C	132
Viscosity, Kinematic, cSt at 100°C	17.5
Viscosity Index	146
Viscosity, Brookfield, cSt @ -40°	104,000





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