



Product Information

SYNFLEET 50

Penrite Synfleet 50 is a next generation, fully synthetic, heavy duty transmission oil for warranty service of 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.

It is approved and listed by EATON against specification PS-I64 Rev 7.

APPLICATION

Penrite Synfleet 50 is designed for use in heavy duty transmissions in on and off highway applications. It is particularly suitable for use in Road Ranger, Volvo, Mack, Spicer and many other transmissions operating in severe service conditions that require this type of oil.

Can also be used in track roller, reduction hubs and industrial transmissions that specify SAE 50 oils.

Synfleet 50 meets or exceeds the Eaton Fuller requirements for 800,000km* oil drains 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 1,600,000km* 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.

CUSTOMER BENEFITS

- Excellent protection of transmission parts.
- Resists oil thickening.
- Long drain life.
- Superior oxidation resistance.
- Reduces wear even in high ambient conditions.
- Possible improved fuel economy due to less transmission friction and drag.
- Eaton Approved.

INDUSTRY SPECIFICATIONS

Penrite Synfleet 50 meets the warranty requirements of:

API "CD"/MT-1

Eaton PS-081 and PS-I64 Rev 7

Mack TO-A Plus

Meritor/Rockwell O-81 (synthetic)

ZF Freedomline/Eurotronic 2

Typical Properties

Density at 15°C, kg/L	0.860
Colour	Amber
Flash Point, °C	221
Viscosity, Kinematic, cSt at 40°C	132
at 100°C	17.5
Viscosity Index	146
Brookfield Viscosity, cP at -40°C	104,000
Pour Point, °C	-45
Copper Corrosion, 3 hrs at 121 °C	1a

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Environment, Health and Safety

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.

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