

ENERGY TRANS 80W-110

PRODUCT DESCRIPTION

Vertex Energy Trans 80W-110 is a heavy duty synthetic based Transmission Final Drive oil. Vertex Energy Trans 80W-110 is a multigrade oil that can be used in universal applications. Designed for consolidation of your fluid ranges, Vertex Energy Trans 80W-110 makes it possible to lubricate front or back hypoid axles and loaded final reductions under extreme load conditions. The product is also suitable for use in limited slip self-locking disc differentials. Vertex Energy Trans 80W-110 is suitable for extreme heavy-duty operations requiring a GL-5 gear Oil. Multi-grade viscosity provides excellent performance over a wide range of operating temperatures. The products wide viscosity span and extreme pressure additives have been designed to reduce the number of gear oils carried on site where heavy-duty machinery is operated and serviced.

APPLICATIONS & BENEFITS

- Reduces the need for multiple heavy duty final drive oils.
- Exceeds the performance levels required by most OEMs for axle / final drive applications.
- Vertex Energy Trans 80W-110 can also be used in some types of gearboxes, with mechanical or synchronized shifting.
- Vertex Energy Trans 80W-110 can be used all year round, due to its high Viscosity Index.
- Maintains fluidity at cold temperature – increased power transfer during cold operations.
- Advanced viscosity modifiers maintain protection of equipment at high temperature.
- Provides excellent friction control, resulting in reduced differential final drive noise and gear wear.
- Synthetic formulation provides extended drain intervals.

PACK SIZES AVAILABLE

5L - 20L - 200L

SPECIFICATIONS

- API GL-5
- API MT-1
- MACK GO-J
- SAE J2360
- ZF TE-ML 07A
- ZF TE-ML 08
- High Temp. L37 Capable
- Limited Slip

TYPICAL CHARACTERISTICS

ENERGY TRANS 80W-110	UNITS	VALUES
VISCOSITY	cSt @ 40°C	235
	cSt @ 100°C	21
SPECIFIC GRAVITY	@ 15°C	0.9026
VISCOSITY INDEX		106
POUR POINT	°C	-18
FLASH POINT	°C	214
SULPHUR % MASS		1.43
FZG PASS STAGES		12

ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 27 June 2023.