

## TRANSGEAR 5 80W-90

### PRODUCT DESCRIPTION

Vertex Transgear 5 80W-90 is a multi-purpose gear lubricant manufactured from select, highly refined base oils blended with field-proven additives. The product provides excellent chemical and thermal stability over a wide range of temperatures. Transgear 5 80W-90 is designed to provide top-tier performance under extreme pressure (EP) conditions. Utilising GL-5/ GL-4 dual Sulphur-Phosphorus EP Technology, Vertex Transgear 5 80W-90 provides increased protection even under the most arduous conditions. High thermal stability, oxidative and corrosion resistance provides unparalleled protection of hypoid gears in modern vehicles and transmissions. Vertex Transgear 5 80W-90 is blended with antifoam agents that effectively suppress aeration and excess forming. Transgear 5 80W-90 sulphur / phosphorus additives are fully compatible with all seals, gaskets and yellow metals.

### APPLICATIONS & BENEFITS

- Extreme pressure additives ensure protection of gears under heavy operating conditions.
- Suitable for hypoid differentials requiring a GL-5 Extreme Pressure Gear Oil.
- Provides long equipment life by resisting gear wear and scuffing.
- Maximises equipment availability by avoiding premature failure and reduces maintenance overhaul due to deposit-induced seal wear and leakage.
- Assists smooth shifting in manual transmissions by controlling glazing and coking of friction surfaces in synchronizing mechanisms with or without yellow metals.
- Provides long oil service life by resisting oxidation and oil thickening.
- Protects against corrosion of ferrous and nonferrous components.

### PACK SIZES AVAILABLE

1L - 5L - 20L - 200L

### SPECIFICATIONS

- API GL-5/ GL-4
- MIL L-2105D
- MIL PRF-210SE

### TYPICAL CHARACTERISTICS

TRANSGEAR 5 80W-90		
Test Description	Method	
SAE Viscosity Grade	SAE J 300	80W-90
Specific Gravity @ 15 °C	ASTM D 4052	0.885
Flash Point, °C	ASTM D 92	210
Pour Point, °C	ASTM D 97	-27
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	145
cSt @ 100°C	ASTM D 445	15
Viscosity Index	ASTM D 2270	104
Colour	ASTM D 1500	<2.5

### 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.