



## Product Information

# MANUAL GEAR OIL 70

Premium performance oil manufactured from a blend of synthetic base oils including esters. It uses the latest technology purpose designed unconventional manual transmission additives for long service life.

It meets the requirements of API GL-4 Plus and SAE 70W-75.

### APPLICATION

Manual Gear Oil 70 is primarily designed for use in 6 speeds manual transmissions and transaxles in, but not limited to, the following vehicles:

BMW  
Ford Falcon/XR/FPV BA/BF (T-56)  
Holden VE/VY/VZ 6 Speed (T-56)  
Jaguar S 2.7L D  
Land Rover Discovery 3  
Land Rover Freelander 2  
VW Golf  
VW 6 speed (non-DSG)

ZF transmissions include:

S5-31, S5-39, S6-37 and S6-53

Manual Gear Oil 70 can also be used in 5 speed manual transmissions.

It is ideal in manual transmissions and transfer cases that require automatic transmission fluids, or in vehicles that are suffering from shift quality problems with higher viscosity fluids.

## NEW PRODUCT RELEASE

It may be used in where the following part numbers are specified.

BMW 2300 1434404  
BMW 2300 7533513  
Ford 52171VX00  
GM 1052931  
VW G052171  
VW G052178  
VW G052798

### CUSTOMER BENEFITS

- Purpose designed additives improve the shift feel for the life of the oil drain
- Enhanced oxidation stability, reducing harmful deposits
- Improved load carrying capacity compared to automatic transmission fluids.
- Contains synthetic base oils for longer life
- Formulated to meet manufacturers requirements for transmission oils
- Very fast flow at start up for slick shifts.

### INDUSTRY SPECIFICATIONS

Penrite Manual Gear Oil 70 meets the performance requirements of:

API GL-4 Plus                      ZF TE-ML 11 (manual)  
MTF BOT 338                      Tremec (T-56)

## Typical Properties

<b>SAE Grade</b>	<b>70W-75</b>
<b>Density at 15°C, kg/L</b>	<b>0.876</b>
<b>Viscosity, Kinematic, cSt</b>	
at 40°C	<b>36</b>
at 100°C	<b>7.1</b>
<b>Viscosity Index</b>	<b>165</b>
<b>Viscosity, Brookfield @-55°C, cP</b>	<b>120,000</b>
<b>Zinc, mass %</b>	<b>0.131</b>

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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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