Product Information

SIN GEAR OIL 75 and 80

The ultimate in premium fully synthetic extreme pressure automotive gear oils.

THE INGREDIENTS

Penrite SIN Gear Oil 75 uses a special combination of synthetic base oils with an advanced European style extreme pressure additive and a low-shear viscosity modifier. It contains friction modifiers for use in many limited slip differentials.

Penrite SIN Gear Oil 80 uses a combination of esters, a high film-strength, man-made PAO and other synthetic base oils, a shear stable viscosity modifier and a boosted and advanced extreme pressure additive for extra wear protection. It also contains the Sturaco 7098LO friction modifier for use in limited slip differentials that suffer from severe chatter.

APPLICATION

Both products are designed for use in transmissions and differentials of competition vehicles including all types of cars and trucks. Also suitable for gearboxes, transfer cases, final drives and axles of passenger cars, light commercials and 4WDs. Please use the appropriate grade for the end use.

In addition, SIN Gear Oil 80 has been especially formulated to reduce chatter and whine in BTR/Dana M78/M80 limited slip differentials fitted to V8 Holdens and Fords as well Chrysler Jeep. It is pre-dosed with the correct amount and type of limited slip friction modifier, so that no extra additive is required nor should it be added.

CUSTOMER BENEFITS

- Longer drain intervals due to less high temperature degradation.
- Superior protection against scoring and spalling wear which can occur under repeated shock load conditions.
- Good compatibility with copper alloy components and protects against corrosion.
- Reduces chatter in high performance competition and on-highway limited slip differentials.

INDUSTRY SPECIFICATIONS

Penrite SIN Gear Oils meet the performance requirements of:

API GL-5/6		MIL-PRF-2105E

SIN Gear Oil 75 also meets

Ford M2C 200C	BTR 5M-50	API MT-1

SIN Gear Oil 80 also meets

Ford M2C-190A	Holden HN 2040	BTR/Dana

Typical Properties

	SIN Gear Oil 75	SIN Gear Oil 80
SAE Grade	75W-90	80W-140
Viscosity, Kinematic, cSt		
at 40°C	108	241
at 100°C	15.7	28.2
Viscosity Index	154	153
KRL, cSt After Shear at 100°C	13.6	26.5
Brookfield Viscosity, cP at -26°C	NA	44,650
Brookfield Viscosity, cP at -40°C	122,000	NA
Phosphorus, Mass %	0.174	0.186

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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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