



Product Information

SIN GEAR OIL 75W-90 AND 80W-140

Codes: SING750025, SIN75020, SING75205, SING800025, SING80020, SING80205

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Penrite SIN Gear Oil 75W-90 and 80W-140 are premium fully synthetic gear oils that uses a special combination of synthetic base oils with an advanced additive system to provide performance and protection severe service.

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. This includes in both conventional and limited slip type differentials. Please use the appropriate grade for the end use.

In addition, SIN Gear Oil 80 has been especially formulated (and field trial-proven) 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. No that no extra additive is required nor should it be added as seal degradation may result.

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 Oil 75 and 80 meet the performance requirements of:

API GL-5/API GL-6

MIL-L-PRF-2105E

In addition SIN Gear Oil 75W-90 meets:

Ford M2C-200C

BTR 5M-50

API MT-1

In addition SIN Gear Oil 80W-140 meets:

Ford M2C-190A

Holden HN 2040

BTR/Dana

Typical Properties

SAE Grade	75W-90	80W-140
Viscosity, Kinematic, cSt		
at 40°C	108	259
at 100°C	15.7	29.1
Viscosity Index	154	149
Viscosity, Brookfield, cP @ -26 °C	NA	44,650
Viscosity, Brookfield, cP @ -40 °C	122,000	NA
Phosphorus, mass %	0.213	0.236

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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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