



Product Information

SIN RG110

The ultimate premium performance mineral gear oil with synthetic-like heat resistance formulated with a special, highly effective extreme pressure additive system. Provides outstanding protection against heat and reduces friction. SIN RG110 meets API GL-5 and SAE 85W-110.

APPLICATIONS

SIN RG110 is designed for **Race Gearboxes** as well as differentials.

It may be used in all type of vehicles used in competition or on road.

In particular, it can be used to replace SAE 140 gear oils in differentials. The enhanced load carrying capacity of SIN RG110 means that running temperatures may be lowered due to the lower oil viscosity and friction reducing properties of the specialised EP system.

Can replace SAE 80W-90 or SAE 90 oils where a thicker oil film is required for long distances or where severe shock loads may be encountered. Also ideal for use in worn gearboxes that originally specified 80W-90 oils, but need something heavier to keep them going without having to resort to heavy SAE 85W-140 oils.

SIN RG110 may also be used truck and bus differentials and gearboxes (not Spicer) where the synthetic-like properties can extend oil drain intervals. It will also provide enhanced protection for trucks and buses operating in hot

environments where SAE 80W-90 oils are considered too thin.

Although an automotive oil, SIN RG110 can be used in industrial gearboxes where an API GL-3 ISO 320 or ISO 460 oil is specified and in worm gears.

While SIN RG110 has some limited slip properties it is not designed for these types of differentials. SIN Gear 75 or 80 should be used. Use with caution if there is likely to be water contamination in the gearbox or differential as the additive system is water soluble and seal degradation may result.

CUSTOMER BENEFITS

- Will out perform synthetic oils
- Able to lower operating temperatures
- Extreme load carrying capacity
- Race proven
- Will not harm bronze or brass
- Can replace both SAE 90 and SAE 140 oils
- Long drain intervals
- Reduces friction

INDUSTRY SPECIFICATIONS

Penrite SIN RG110 meets the performance requirements of:

API GL-5	US Steel 224
AGMA 250.04 (No 6)	David Brown
Hollinger	Harley Trans Oil 99892-94

Typical Properties

SAE Grade	85W-110
ISO Grade	320
Density at 15°C, kg/L	0.920
Viscosity, Kinematic, cSt	
at 40°C	306
at 100°C	23.8
Viscosity Index	98
Pour Point, °C	-18
Timken OK Load, kg	32

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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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