



## Product Information

# SIN ENGINE OIL 15 AND 25

The ultimate oils for competition use, SIN Engine Oil 15 and 25 have been carefully formulated to minimise power loss, maximise protection and go the distance on road and on track.

### THE INGREDIENTS

They are formulated using a careful selection of unconventional base fluids and synthetic oligimers which are then combined with advanced additive technology to give shear-free performance.

This shear free performance comes from the fact that unlike other oils, no conventional viscosity modifiers are used in the blend. Even our own SIN 0, 5 and 10 will suffer some shear losses due to viscosity modifier shear. The heavy synthetic components used in Sin 15 and 25 allow formulation of effective multigrade oils with no viscosity loss.

### APPLICATION

Penrite SIN Engine Oil 15 and 25 are specifically designed for use in high performance petrol engines used in competition, both in cars and motorcycles.

Penrite SIN Engine Oil 15 is ideal for high-revving engines whether they are naturally aspirated, turbocharged or supercharged. It may be used in a wide range of engine capacities from single cylinder engines right up to big V12s.

Penrite SIN Engine Oil 25 is ideal for big-bore engines whether they are naturally aspirated, turbocharged or supercharged. It may be used in a wide range of engine capacities from single cylinder engines right up to big V12s. It is ideal for endurance

races where extra protection against fuel dilution is required. Great for 70s and 80s muscle cars.

Even for standard on-road use, the advanced formulation will add life to your engine.

### CUSTOMER BENEFITS?

- Holds viscosity and oil film thickness\* for life of drain as it has no viscosity modifiers, minimising engine wear.
- Longer engine life by reducing formation of high temperature engine deposits.
- Race proven in a wide variety of vehicles including touring cars, sports cars, open wheeler, drag cars and rally cars.
- Reduced oil consumption from use of low volatility synthetic base oils
- Compatible with avgas, methanol and nitro as well as "conventional" fuel.
- Non-friction modified so can be used in motorcycles with wet clutches.
- *fuel dilution is the main cause of oil thinning in long distance competition*

### INDUSTRY SPECIFICATIONS

Penrite SIN Engine Oil 25 meets the performance requirements of:

API SL/CF	ACEA A3/B4	MB 229.3
VW 500.00	JASO MA	

### Typical Properties

	15w-40	25w-60
Viscosity, Kinematic, cSt		
at 40°C	106	247
at 100°C	15.0	23.9
Viscosity Index	148	121
Viscosity, Kinematic, cSt After Shear at 100°C	14.9	23.8
Cold Cranking Viscosity, cP at -10°C		9662
Cold Cranking Viscosity, cP at -20°C	6178	
Zinc, Mass %	0.132	0.132
HT/HS, cP at 150°C	4.7	7.1

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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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