



SIN ENGINE OIL 0W-50

Codes: SINE0005, SINE0020, SINE0205

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The ultimate in extreme performance engine oil, SIN Engine Oil 0W-50 is a premium full synthetic oil combines that combines a unique viscosity grade with cutting edge technology to deliver maximum engine protection in all conditions.

The viscosity modifiers are carefully chosen to minimise viscosity loss due to shearing, so that the oils stay in grade even after severe laboratory testing. This maintains the oil film for the life of the oil drain.

APPLICATION

Penrite Synthetic 0W-50 is specifically designed for use in high performance modern petrol engines in all types of vehicles, both on the road and on the track. Ideal for use in engines sizes from 1 cylinder to 12 (or 16!) cylinders. It is particularly suitable where the manufacturer has specified a lightweight oil such as a 0W-30 or 0W-40, such as in the FPV V8s and the Porsche Boxster.

Penrite Synthetic 0W-50 is recommended for use where it is deemed necessary to have a fully man made synthetic engine oil. Such conditions include short-term high load competition, in extremes of both ambient and engine operating temperatures and where the manufacturer has specified the use of a fully synthetic engine oil,

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

CUSTOMER BENEFITS

- Longer engine life by reducing formation of high temperature engine deposits.
- Wear reduction from use of a combination of ultra-pure synthetic base oils and a European-standard additive package.
- Potentially longer oil life even in high performance vehicles.
- Reduced oil consumption due to use of highly specialised, ultra-pure, low volatility synthetic base oils.
- Non-friction modified so can be used in motorcycles with wet clutches.
- Very fast flow at start-up combined with full-bodied high temperature protection

INDUSTRY SPECIFICATIONS

Penrite SIN Engine Oil 0W-50 meets or exceeds the performance requirements of:

API SM/CF	ACEA A3/B3	JASO MA
Porsche (Boxster)	Renault	FPV
Peugeot PSA E-02	Ford M2C917-A	Ford M2C913-A/B
Ford M2C917-A	BMW LL-98	SAAB
Jaguar	Chrysler MS-6395H	Rover
Mercedes Benz 229.1/229.3		GM 4718M
VW 500.0/502.00/505.00		Subaru

Typical Properties

Viscosity, Kinematic, cSt	
at 40°C	102
at 100°C	19.6
Viscosity Index	200
Cold Cranking Viscosity, cP at -35°C	5360
HT/HS Viscosity, cP at 150°C	4.4
Zinc, Mass %	0.124
Phosphorus, Mass %	0.111
Sulphated Ash, mass %	1.18
Base Number, mass %	9.7

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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