



PENRITE

# SHELSLEY ENGINE OILS

## Premium Mineral Engine Oil

Issue: March 2014



Product	Product Code	Pack Size	Ctn / Qty
Light	SHELL005	5 Litre	4
Medium	SHELM005	5 Litre	4
Heavy	SHELH005	5 Litre	4

### Description

**Shelsley Engine Oils** are a range of premium mineral, SAE 30 (*Shelsley Light*), SAE 40 (*Shelsley Medium*) & SAE 50 (*Shelsley Heavy*), full zinc, very low detergent engine oils designed specifically for petrol, kerosene and diesel fuelled vintage, pre-war and post war vehicles manufactured to 1950. They feature a double layer of engine wear protection with high zinc and increased operating temperature viscosity over monograde oils.

### Applications

**Shelsley Engine Oils** are suitable for passenger cars, motorcycles, 4WD's, light & heavy duty commercial vehicles (trucks, buses & heavy equipment), tractors & industrial machines that originally specified a SAE 30, SAE 40 or SAE 50 monograde grade engine oil fitted with/ without an engine oil filter. Those vehicles that require a higher detergency should use **Penrite Classic Engine Oils**.

**Shelsley Engine Oils** are multi-grade oils that contain special additive packs that suit vintage vehicles of the era and are compatible with grades that were originally specified. These oils exceed the specification requirements of original oils required during this period hence offering a greater level of engine protection compared to original oils.

**Shelsley Engine Oils** are API SC/CC grade oils that feature very low detergent levels and contain **HIGH ZINC** levels for added anti-wear protection for older engines.

**Shelsley Engine Oils** feature standard multigrade cold temperature SAE viscosity grades with an increased operating temperature range that provides an added layer of protection for the engine especially under increased load and temperature conditions. Multigrade oils provide better start up protection and better protection at operating temperature than monograde oils and they do not need to be changed in winter and summer as they used to do.

**Shelsley Engine Oils** contain a "Tacky Additive" so that when the vehicles are laid up, the engine oil doesn't run off the internal surfaces. This combined with an increased level of rust inhibitor, provides protection against corrosion and deterioration when the engine is not used or in storage.

**Shelsley Engine Oils** are safe for use in motor cycles with wet clutches.

**SHELSLEY LIGHT** is a SAE 20W-60 engine oil for vehicles that specified SAE 30 grade engine oils. It is suitable for small capacity vintage engines relying totally on splash lubrication. Also suitable for small capacity sleeve valve engines such as Minerva, Mors, Knight and Daimler. Can be used for vehicles operating where cooler ambient temperatures will be experienced.

It is ideal for use in early vintage (pre 1950) motorcycles, incorporating sight glasses, pilgrim oil pumps and total loss lubrication systems.

**SHELSLEY MEDIUM** is a SAE 25W-70 engine oil for vehicles that specified SAE 40 grade engine oils. It is suitable for larger engines vintage and pre-war vehicles which have either troughs or dipper type lubricating systems, or early types of pressure feed systems. It is also suitable for those employing total loss oiling systems and for larger capacity sleeve valve engines such as Minerva, Mors, Knight and Daimler. Can be used for vehicles operating where moderate ambient temperatures will be experienced.

**SHELSLEY HEAVY** is a 40-70 engine oil for vehicles that specified SAE 50 grade engine oils. It is recommended for use in large engines operating in high ambient temperatures, or in vehicles with oil consumption problems. Ideal in large capacity sleeve valve engines fitted to such makes as Minerva, Mors, Knight and Daimler.



**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South  
Victoria AUSTRALIA 3152, ABN 25 005 001 525  
Enquiries: Phone 1300-PENRITE (1300 736 748)  
Fax: 1800-PENRITE (1800 736 748)  
International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977  
New Zealand Ph: 0800 533 698, Fax: 0508 736 748

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**United Kingdom and EU** Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234  
Website: [www.penriteoil.com](http://www.penriteoil.com), Email: [penrite@penriteoil.com](mailto:penrite@penriteoil.com)



## Customer Benefits

- Formulated to give much improved low temperature pumpability and flow than old style SAE 30 (Light), 40 (Medium) or 50 (Heavy) oils while improving operating temperature wear protection
- Extends bearing and gear life by minimising wear and shock loads
- Minimises sludge build up, bearing corrosion and piston ring sticking through the use of selected additive technology.
- Reduces foaming by using an effective anti-foam agent
- Optimised zinc levels for wear protection

## Industry Specifications

API SC/CC

## Typical Data

	LIGHT	MEDIUM	HEAVY
Density at 15°C, kg/L	0.884	0.884	0.884
Flash Point, °C	214	221	212
Viscosity, Kinematic, cSt			
at 40°C	216	286	286
at 100°C	23.8	28.5	29.7
Viscosity Index	137	140	140
Magnesium, mass %	0.125	0.125	0.125
Zinc, mass %	0.140	0.140	0.140
Phosphorus, mass %	0.128	0.128	0.128

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

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