



10 TENTHS™

100% PERFORMANCE

Experts in Oils Since 1926

Penrite 10 Tenths is the dedicated 100% performance range for competition and road use.

This range utilises the very best in quality and performance such as 100% PAO & Ester Synthetic base oils for engine oils and technologies such as "Shear Free" to provide the ultimate in protection.

If you need the ultimate in performance 10 Tenths is the range for you.

To view the entire range of Penrite products please visit penriteoil.com and view the lube guide for oil and coolant recommendations. Or simply call **AUS: 1300-PENRITE (1300 736 748)** or **NZ: 0800 533 698** to get the very best technical or sales advice 7 days a week or email us at sales@penriteoil.com

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**Proudly 100% Australian
Owned and Made Since 1926**



ENGINE OIL SPECIFICATIONS

SPECIFICATION LEGEND

- API** = American Petroleum Institute
- ACEA** = Association des Constructeurs Europeens de l'Automobile
- OEM** = Original Equipment Manufacturer
- JASO** = Japanese Automotive Standards Organisation
- ILSAC** = International Lubricants Standardisation & Approval Committee

ACEA A3/B4/C3/E9

- "A"** Gasoline / Petrol Engines
- "B"** Light Duty Diesel Engines
- "C"** Catalyst & DPF compatible oils
- "E"** Heavy Duty Diesel Engines
- A1/B1 + A5/B5** Low Viscosity / Low Friction Oils
- A3/B3/B4** Latest Petrol & Light Duty Diesel
- C1/C2/C3/C4** Lower SAPS (Sulphated Ash, Phosphorus Sulphur)
- E7/E9** Euro Emission Complaint & SCR System Compatible

ILSAC

ILSAC specifications are the fuel economy version of the API specifications. Lower phosphorus & zinc levels only apply to ILSAC grades with viscosities of XW-20 & XW-30.

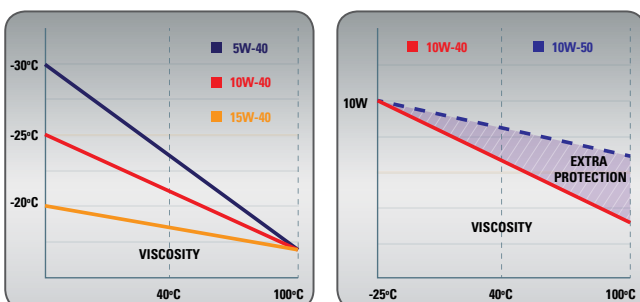
ILSAC GF-5 Oils are the most compatible with Flex Fuel vehicles or those vehicles that can operate safely on E85 fuel.

- GF-1** is obsolete
- GF-2** Equivalent to API - SJ
- GF-3** Equivalent to API - SL
- GF-4** Equivalent to API - SM
- GF-5** Equivalent to API - SN

UNDERSTANDING VISCOSITIES

The number in front of the "W" signifies the viscosity of the oil at cold/start up temperature (Tested at -5 to -35°C depending on the value). The lower the first number the faster the oil flows (pump ability) when the engine is cold.

The second number represents the oils thickness at operating temperature (100°C). All oils thin out as they get hotter. So, the higher the second number, the less the oil will thin out as it heats up, compared to an oil with a lower second number.

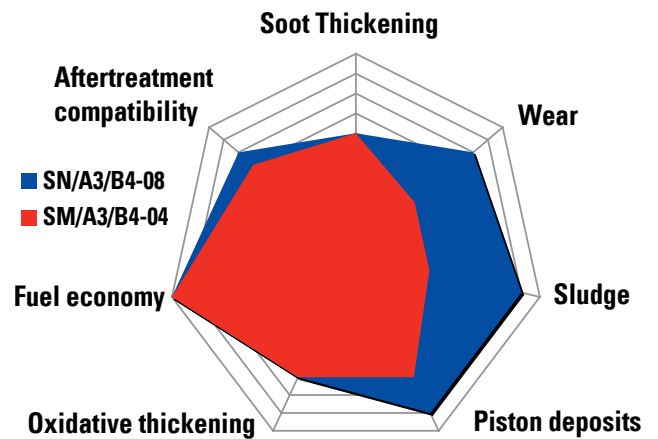


API SN/CF

- "S"** is for spark ignition (petrol)
- "N"** denotes the spec level, ie "SN" is higher than "SM"
Latest API Rating "SN"
- "C"** is for compression ignition (diesel)
- "F"** denotes the spec level, ie "CF" is lower than "CJ-4"
Latest API Rating "CJ-4"

BENEFITS OF API SN OVER SM

Comparison of Specifications
SM/A3/B4-04 vs. SN/A3/B4-08



- ✓ Better wear protection
- ✓ Reduces sludge
- ✓ Reduces engine deposits
- ✓ Protects Seals
- ✓ Improved compatibility with Ethanol fuels such as E85

OEM APPROVALS

Using the correct fluid during the warranty period for your new vehicle ensures that you maintain your manufacturer warranty on your new vehicle. Using a non-approved oil for servicing during the warranty period can jeopardise the manufacturer's warranty.

Penrite have a commitment in providing the right product for the right application including OEM (Original Equipment Manufacturer) approved products.

BRAND	OEM APPROVAL
HPR 5	BMW Longlife-01
	MB-Approval 229.5
Enviro+ 5W-30	Volkswagen VW 504.00 / 507.00
Enviro+ 5W-40	Volkswagen VW 502.00 / 505.00
	Porsche A40
	MB-Approval 229.51
	BMW Longlife-04
Enviro+ GF-5	General Motors dexos2®
	General Motors dexos1®

FEATURES & BENEFITS

FULL ZINC +



FULL ZINC+ is an anti-wear additive package for ultimate engine wear protection. Penrite 10 Tenths Racing and Premium Full Synthetic Oils contain optimised zinc levels plus boron & organomolybdenum complex to lift the total level of the anti-wear package to over **2200+** ppm on Racing range and **1800+** ppm on the Premium FS range.

These benefits include **100% PAO & ESTER** full synthetic technology which provides ultimate engine performance and protection.

SHEAR FREE



As engine oils are compressed and pulverised by the workings of an engine, the VI Improvers in the oil are cut or sheared losing their ability to expand when heated which affects the oils multigrade viscosity.

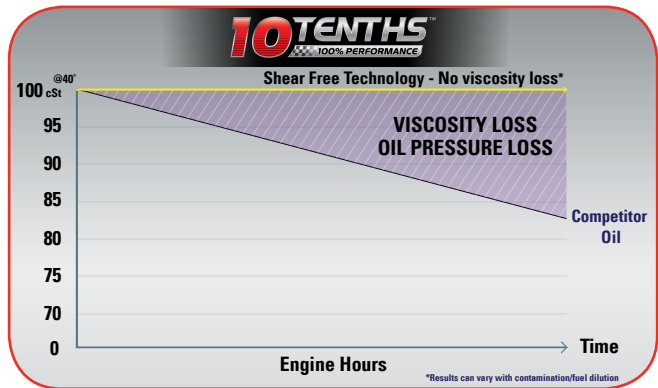
Penrite Racing Oils feature **SHEAR FREE** technology that prevents viscosity loss.

LATEST INDUSTRY SPECIFICATIONS

We continue to lead the industry in development and manufacture of lubricants that meet and also exceed the latest industry specifications for maximum wear protection, minimum sludge formation and reduction of piston deposits.

COMPETITON PROVEN

Developed and trusted for over 45 years, race proven across the globe in every application from classic to modern competition motorsports.



PAO & ESTER FULL SYNTHETIC

Blended using premium full synthetic PAO (Poly Alpha Olefin) - Group IV and ESTER - Group V base oils for maximum heat resistance and high performance.

PAO's (Poly Alpha Olefin) are extremely pure due to their complex petro-chemical manufacturing process. As a result, the chemical oil structure formation is "flat" compared to lower grade full synthetic chain structures. Having a "flat" oil structure creates less friction between chemical structures which allows the oil to effectively become "more slippery".

Esters are derived from acids and alcohols. The combination of PAO's & Ester together with our premium additives, provides the ultimate protection against oxidation due to their outstanding heat resistance. Other product benefits include oil pressure stability, longer engine life and greater engine performance.

LIQUIDS CONVERSION CHART

1 litre = 0.264 gallons
1 litre = 2.113 pints
1 litre = 1.057 quarts
5 litres = 1.321 gallons
1 fl ounce = 29.574 mil litres
1 gallon = 3.785 litres
1 pint = 0.473 litres
1 quart = 0.946 litres




10 TENTHS RACING

100% PERFORMANCE


Penrite 10 Tenths Racing Oils are high performance, premium full synthetic engine oils that provide the ultimate protection in on road and competition applications. All products are made from man-made 100% PAO (Group 4) and Ester (Group 5) synthetics and contain full zinc levels for protection and engine wear minimisation.

Racing 0

Product Code	Pack Size	Carton Qty	Viscosity: 0W-20	Base Oil: 100% PAO & Ester Full Synthetic
RACING0W20001	1 Litre	6	Key Specifications: API SL/CF, BMW LL-98, MB 229.1 Fuel Types: Petrol / E10, Racing Features: Full Zinc+, Shear Free, Low Friction, Competition Proven	
RACING0W20005	5 Litres	4		

Penrite Racing 0 is a premium, full synthetic, 100% PAO & Ester SAE 0W-20, SHEAR FREE modern engine oil. It contains an anti-wear package of engine wear protection with FULL ZINC+ (exceeding 2200+ ppm levels) for ultimate engine wear protection.

Racing 5

Product Code	Pack Size	Carton Qty	Viscosity: 5W-30	Base Oil: 100% PAO & Ester Full Synthetic	Alternative Viscosities: 5W-20
RACING5W30001	1 Litre	6	Key Specifications: API SL/CF, ACEA A1/B1, BMW LL-98, MB 229.1, Ford M2C913-A/B/M2C912-A1 Fuel Types: Petrol / E10, Diesel, LPG / Dual Fuel, Racing Features: Full Zinc+, Shear Free, Low Friction, Competition Proven		
RACING5W30005	5 Litres	4			
RACING5W30020	20 Litres	1			

Penrite Racing 5 is a premium, full synthetic, 100% PAO & Ester SAE 5W-30, SHEAR FREE modern engine oil. It contains an anti-wear package of engine wear protection with FULL ZINC+ (exceeding 2200+ ppm levels) for ultimate engine wear protection.

Racing 10

Product Code	Pack Size	Carton Qty	Viscosity: 10W-40	Base Oil: 100% PAO & Ester Full Synthetic	Alternative Viscosities: 10W-30
RACING10W40001	1 Litre	6	Key Specifications: API SN/CF, ACEA A3/B3, BMW LL-98, MB 229.1/229.3, VW 502.00/505.00, Porsche GL Fuel Types: Petrol / E10, Diesel, LPG / Dual Fuel, Racing Features: Full Zinc+, Shear Free, Low Friction, Competition Proven		
RACING10W40005	5 Litres	4			
RACING10W40020	20 Litres	1			

Penrite Racing 10 is a premium, full synthetic, 100% PAO & Ester SAE 10W-40, SHEAR FREE modern engine oil. It contains an anti-wear package of engine wear protection with FULL ZINC+ (exceeding 2200+ ppm levels) for ultimate engine wear protection.

Racing 15

Product Code	Pack Size	Carton Qty	Viscosity: 15W-50	Base Oil: 100% PAO & Ester Full Synthetic	Alternative Viscosities: 15W-40, 20W-40
RACING15W50001	1 Litre	6	Key Specifications: API SN/CF, ACEA A3/B3, BMW LL-98, MB 229.1, VW 502.00/505.00, Porsche GL Fuel Types: Petrol / E10, Diesel, LPG / Dual Fuel, Racing Features: Full Zinc+, Shear Free, Low Friction, Competition Proven		
RACING15W50005	5 Litres	4			
RACING15W50020	20 Litres	1			

Penrite Racing 15 is a premium, full synthetic, 100% PAO & Ester SAE 15W-50, SHEAR FREE modern engine oil. It contains an anti-wear package of engine wear protection with FULL ZINC+ (exceeding 2200+ ppm levels) for ultimate engine wear protection.

Racing 20

Product Code	Pack Size	Carton Qty
RACING20W60001	1 Litre	6
RACING20W60005	5 Litres	4
RACING20W60020	20 Litres	1

Viscosity: 20W-60 **Base Oil:** 100% PAO & Ester Full Synthetic
Alternative Viscosities: 20W-50, 25W-60

Key Specifications: API SN/CF, ACEA A3/B3, BMW LL-98, MB 229.1
Fuel Types: Petrol / E10, Diesel, LPG / Dual Fuel, Racing
Features: Full Zinc+, Shear Free, Low Friction, Competition Proven

Penrite Racing 20 is a premium, full synthetic, 100% PAO & Ester SAE 20W-60, SHEAR FREE modern engine oil. It contains an anti-wear package of engine wear protection with FULL ZINC+ (exceeding 2200+ ppm levels) for ultimate engine wear protection.



Running-In Oil

Product Code	Pack Size	Carton Qty
RUN001	1 Litre	6
RUN005	5 Litres	4
RUN020	20 Litres	1

Viscosity: 15W-40 **Base Oil:** Premium Mineral
Alternative Viscosities: 20W-40, SAE 30

Key Specifications: API SF/CC
Fuel Types: Petrol / E10, Diesel, E85, LPG / Dual Fuel
Features: High Zinc, Non-friction modified

Penrite Running-In Oil is a premium mineral, SAE 15W-40, non friction modified, engine oil. It contains HIGH ZINC (exceeding 1600+ ppm levels) for ultimate engine wear protection during the running in period for re-built or new crate engines.



Race Castor Oil

Product Code	Pack Size	Carton Qty
RCAS001	1 Litre	6

Viscosity: 20W-40 **Base Oil:** Castor Synthetic Oil

Fuel Types: Petrol / E10, Racing
Features: Soluble in methanol and petrol, Longer engine life

Penrite 10 Tenths Race Castor is an ashless SAE 20W-40 engine oil manufactured from high quality castor vegetable oil, synthetic ester, anti-corrosion additives and an advanced anti-oxidant.



PENRITE PRODUCT	Litres			
	1	5	20	205
Racing 0	●	●	-	●*
Racing 5	●	●	●	●*
Racing 10	●	●	●	●*
Racing 15	●	●	●	●*
Racing 20	●	●	●	●*
Running-In Oil	●	●	●	-
Race Castor Oil	●	-	-	-

*On Request

Expert Tip:

Penrite's 10 Tenths Racing range is Shear Free. What does that mean to you? When your oil does not lose its viscosity as a result of high loads and stress, you get ultimate protection for your engine for the life of the oil drain.



Key Features & Benefits of 10 Tenths Racing:

- > 100% PAO & ESTER FULL SYNTHETIC PREMIUM BASE OILS (except Running-In and Race Castor Oil)
- > FULL ZINC+ to minimise wear, up to 2200+ ppm anti-wear additive package
- > SHEAR FREE formulation reduces viscosity loss
- > Suitable for mixed fuel types
- > Longer engine life by reducing engine deposits
- > Premium Synthetic base oils for wear reduction
- > European-standard additive packages
- > Longer oil life
- > Latest API and industry specifications - Racing 10, 15 & 20
- > Suitable for motorcycles with wet clutches



10 TENTHS PREMIUM

100% PERFORMANCE

10 Tenths Premium Synthetic oils are high performance, premium full synthetic engine oils that provide the ultimate protection in on road and competition applications.

Premium 0

Product Code	Pack Size	Carton Qty
FSOW40005	5 Litres	4
FSOW40020	20 Litres	1
FSOW40205	205 Litres	1

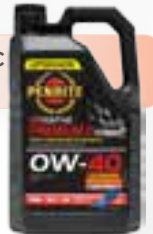
Viscosity: OW-40 **Base Oil:** 100% PAO & Ester Full Synthetic
Alternative Viscosities: 5W-40

Key Specifications: API SN/CF, ACEA A3/B3, BMW LL-98, JASO MA, MB 229.1/229.3, VW 502.00/505.00, Porsche GL

Fuel Types: Petrol / E10, E85, Diesel, LPG / Dual Fuel, Racing

Features: Full Zinc, Extra Ten, Latest oil technology, Premium PAO & Ester

Penrite Premium 0 is a premium 100% PAO & Ester full synthetic SAE OW-40, non friction modified, modern engine oil. It utilises premium synthetic base oil with a FULL ZINC+ (exceeding 1800+ ppm levels) additive pack for the ultimate in engine protection and performance.



Premium 5

Product Code	Pack Size	Carton Qty
FS5W50005	5 Litres	4
FS5W50020	20 Litres	1
FS5W50205	205 Litres	1

Viscosity: 5W-50 **Base Oil:** 100% PAO & Ester Full Synthetic
Alternative Viscosities: 5W-40

Key Specifications: API SN/CF, ACEA A3/B3, BMW LL-98, JASO MA, MB 229.1, VW 502.00/505.00

Fuel Types: Petrol / E10, Diesel, LPG / Dual Fuel, Racing

Features: Full Zinc, Extra Ten, Latest oil technology, Premium PAO & Ester

Penrite Premium 5 is a premium 100% PAO & Ester full synthetic SAE 5W-50, non friction modified, modern engine oil. It utilises premium synthetic base oil with a FULL ZINC+ (exceeding 1800+ ppm levels) additive pack for the ultimate in engine protection and performance.



Premium 10

Product Code	Pack Size	Carton Qty
FS10W60005	5 Litres	4
FS10W60020	20 Litres	1
FS10W60205	205 Litres	1

Viscosity: 10W-60 **Base Oil:** 100% PAO & Ester Full Synthetic
Alternative Viscosities: 10W-50, 15W-50

Key Specifications: API SN/CF, ACEA A3/B3, BMW LL-98, JASO MA, MB 229.1

Fuel Types: Petrol / E10, Diesel, LPG / Dual Fuel, Racing

Features: Full Zinc, Extra Ten, Latest oil technology, Premium PAO & Ester

Penrite Premium 10 is a premium 100% PAO & Ester full synthetic SAE 10W-60, non friction modified, modern engine oil. It utilises premium synthetic base oil with a FULL ZINC+ (exceeding 1800+ ppm levels) additive pack for the ultimate in engine protection and performance.



PENRITE PRODUCT	Litres		
	5	20	205
Premium 0	●	●	●
Premium 5	●	●	●
Premium 10	●	●	●




Key Features & Benefits of 10 Tenths Premium:

- > FULL ZINC+ to minimise engine wear
- > Premium Synthetic 100% PAO & Ester base oils
- > Latest API and industry specifications
- > For road and competition use
- > Suitable for mixed fuel types
- > For cars, motorcycles and marine
- > Used by race engine builders


Racing Brake Fluid

Product Code	Pack Size	Carton Qty	Base Oil: Full Synthetic	Colour: Straw
RBF0005	500 Millilitres	6	Key Specifications: AS 1960.1-2005, SAE J1704, US FMVSS No 116 Super DOT 4	
<p>Penrite Racing Brake Fluid is a premium full synthetic, Super Dot 4 Plus, polyalkylene glycol ether ester based brake fluid for long life and maximum performance offering better compatibility with system components compared to silicone or silicate ester type products. Boiling point 310° C / 600° F. Compatible with DOT 5.1.</p>				


ATF 33 (Type F)

Product Code	Pack Size	Carton Qty	Base Oil: Premium Mineral	Colour: Red
ATF33004	4 Litres	4	Key Specifications: Ford M2C33-F/G, Ford SQM-2C9007-AA	
ATF33020	20 Litres	1	<p>Penrite ATF 33 is special purpose, premium mineral, non-friction modified, red coloured automatic transmission fluid designed for Type F transmissions.</p>	
ATF33205	205 Litres	1		

10 Tenths Race Coolant (Concentrate)

Product Code	Pack Size	Carton Qty	Technology: Type B	Colour: Red
RCI001	1 Litre	6	Key Specifications: AS 2108-2004 Type B	
<p>Penrite 10 Tenths Race Coolant Inhibitor Concentrate is a non glycol based coolant that protects against corrosion, cavitation, scaling and oxidisation in vehicles that do not require an Anti-Freeze Anti-Boil coolant. Works to disperse heat better than Type "A" Anti-Freeze Anti-Boil coolants. Engines can run up to 10° cooler.</p>				

Octane Booster

Product Code	Pack Size	Carton Qty	Technology: Type B	Colour: Red
ADOCTB375	375 Millilitres	6	Key Specifications: AS 2108-2004 Type B	
<p>Penrite Octane Booster is a fuel treatment that will keep injectors and inlet valves clean and will also provide octane enhancement when used with either unleaded or Ethanol E10 based fuels.</p>				

