



ENGINE COOLANTS

Penrite's premium range of OEM approved Coolants and Inhibitors, cover most vehicles on the road today. As with engine oils, different vehicle manufacturers specify different types of engine coolants and inhibitors for their vehicles. Therefore, the correct engine cooling product for your vehicle is critical in maintaining its performance and longevity as well as preserving your vehicles manufacturer warranty.

TYPES OF COOLANTS: There are 2 main types of coolants available, **TYPE "A"** AND **TYPE "B"**

TYPE "A" has an Anti-Freeze Anti-Boil component such as Ethylene Glycol or Propylene Glycol that raises the boiling point of the water and lowers the freezing point.

TYPE "B" do not have Anti-Freeze Anti-Boil components and are essentially inhibitors only.

There are different formulations of both Type A and Type B coolants that are available depending on the type of application needed, specification required, OEM requirements etc.

OEM APPROVALS

| Brand: | OEM Approval: |
|--|---|
| 6 Year / 350,000 km (Concentrate/Premix) | Volkswagen, Audi, Skoda, Seat TL 774-G (G12, G12+,G12++) |
| | Bentley, Lamborghini, Bugatti VW TL 774-G (G12++) |
| | MAN 324 Type Si-OAT |
| | Mercedes-Benz MB 325.5 |
| | Porsche (1997 on) 911, Boxster, Cayman, Cayenne, Panamera |
| 4 Year Green (Concentrate/Premix) | Volkswagen, Audi, Skoda, Seat TL 774-C (G11) |
| | BMW / Mini N 600 69.0 |
| | Mercedes Benz Specification 325.0 |
| | Saab 690 1599 |
| | MAN 324 NF |
| | Opel B 040 0240 |



3 Year Blue (Concentrate)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Blue |
|--------------|------------|------------|----------------------------|--------------|
| 3YRAFAB020 | 20 Litres | 1 | | |
| 3YRAFAB205 | 205 Litres | 1 | | |

Key Specifications: AS/NZS 2108-2004 Type A, MAN List 3.3.7, Ford ESE M97-B44A, Cummins CES 14603, JCB STD00088, Ford WSS-M97B51-A1, Holden HN 1825M, HN 1899/2043, ASTM 3306, SAE J1034, BS 6580:1992

Penrite 3 Year Anti-Freeze Anti-Boil is a Type A Hybrid, Blue coloured coolant suitable for most vehicles. It is an ethylene glycol-based product that utilises hybrid organic and conventional inhibitors formulated to protect against over-heating, freezing, corrosion and cavitation in cooling systems.



4 Year Green (Concentrate)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Green |
|--------------|------------|------------|----------------------------|---------------|
| 4YRAFAB001 | 1 Litre | 6 | | |
| 4YRAFAB0025 | 2.5 Litres | 4 | | |
| 4YRAFAB005 | 5 Litres | 3 | | |
| 4YRAFAB010 | 10 Litres | 1 | | |
| 4YRAFAB020 | 20 Litres | 1 | | |
| 4YRAFAB060 | 60 Litres | 1 | | |
| 4YRAFAB205 | 205 Litres | 1 | | |

Key Specifications: AS2108-2004 Type A, ASTM D3306, BS 6580, Ford M97-B44A/51A1, GM 1825/1899M, Holden HN 2217/HN 2043, JASO M325 (Japan), Federal Standard O-A-548D

OEM Approvals: Volkswagen, Audi, Skoda, Seat TL 774-C (G11), Mercedes Benz Specification 325.0, Saab 690 1599, MAN 324 NF, Opel B 040 0240. BMW/Mini N 600 69.0

Penrite 4 Year Anti-Freeze Anti-Boil is an OEM approved, Type A Hybrid, Green coloured long life coolant suitable for most vehicles. It is an ethylene glycol-based product that utilises hybrid organic and conventional inhibitors formulated to protect against over-heating, freezing, corrosion and cavitation in cooling systems.



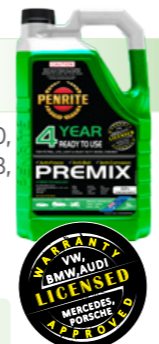
4 Year Green (Premix)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Green |
|----------------|------------|------------|----------------------------|---------------|
| 4YRAFABPMX001 | 1 Litre | 6 | | |
| 4YRAFABPMX0025 | 2.5 Litres | 4 | | |
| 4YRAFABPMX005 | 5 Litres | 3 | | |
| 4YRAFABPMX010 | 10 Litres | 1 | | |
| 4YRAFABPMX020 | 20 Litres | 1 | | |
| 4YRAFABPMX205 | 205 Litres | 1 | | |

Key Specifications: AS2108-2004 Type A, ASTM D3306, BS 6580, Ford M97-B44A/51A1, GM 1825/1899M, Holden HN 2217/HN 2043, JASO M325 (Japan), Federal Standard O-A-548D

OEM Approvals: Volkswagen, Audi, Skoda, Seat TL 774-C (G11), Mercedes Benz Specification 325.0, Saab 690 1599, MAN 324 NF, Opel B 040 0240. BMW/Mini N 600 69.0

Penrite 4 Year Premix Anti-Freeze Anti-Boil is an OEM approved, Type A Hybrid, Green coloured long life coolant suitable for most vehicles. It is an ethylene glycol-based product that utilises hybrid organic and conventional inhibitors formulated to protect against over-heating, freezing, corrosion and cavitation in cooling systems.



6 Year / 350,000 km (Concentrate)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Si-OAT | Colour: Magenta |
|--------------|------------|------------|----------------------------|-----------------|
| 6YRAFAB001 | 1 Litre | 6 | | |
| 6YRAFAB0025 | 2.5 Litres | 4 | | |
| 6YRAFAB005 | 5 Litres | 3 | | |
| 6YRAFAB020 | 20 Litres | 1 | | |
| 6YRAFAB060 | 60 Litres | 1 | | |
| 6YRAFAB205 | 205 Litres | 1 | | |

Key Specifications: AS 2108-2004 Type A, Ford WSS M97-B44D, Skoda/VW/Lamborghini/Audi/Bentley/Seat TL774-D/F (G12/G12+)

OEM Approvals: MAN 324 Type Si-OAT, Mercedes-Benz MB 325.5, Porsche (as from 1997) 911, Boxster, Cayman, Cayenne, Panamera, Audi/Bentley/Bugatti/Lamborghini/SEAT/Skoda/VW TL 774-G (G12, G12+, G12++)

Penrite 6 Year 350,000 km is a magenta coloured, Original Equipment Manufacturer (OEM) warranty, Fully Licensed/Approved new generation, 6 Year / 350,000 kilometre Silicate-Organic Acid Technology (Si-OAT), ethylene glycol Type A, Anti-Freeze Anti-Boil coolant.



6 Year / 350,000 km (Premix)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Si-OAT | Colour: Magenta |
|---------------|-----------|------------|----------------------------|-----------------|
| 6YRAFABPMX001 | 1 Litre | 6 | | |
| 6YRAFABPMX005 | 5 Litres | 3 | | |

Key Specifications: AS 2108-2004 Type A, Ford WSS M97-B44D, Skoda/VW/Lamborghini/Audi/Bentley/Seat TL774-D/F (G12/G12+) **OEM Approvals:** MAN 324 Type Si-OAT, Mercedes-Benz MB 325.5, Porsche (as from 1997) 911, Boxster, Cayman, Cayenne, Panamera, Audi/Bentley/Bugatti/Lamborghini/SEAT/Skoda/VW TL 774-G (G12, G12+, G12++)

Penrite 6 Year 350,000 km Premix is a magenta coloured, Original Equipment Manufacturer (OEM) warranty, Fully Licensed/Approved new generation, 6 Year / 350,000 kilometre Silicate-Organic Acid Technology (Si-OAT), ethylene glycol Type A, Anti-Freeze Anti-Boil coolant.



Blue Top Up (Premix)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Blue |
|----------------|-----------|------------|----------------------------|--------------|
| AFABPMXBLUE001 | 1 Litre | 6 | | |

Key Specifications: AS/NZS 2108-2004 Type A, SAE J1034, ASTM 3306, Ford ESE M97B44-A, Ford WSS M97B51-A1, Holden HN 1825M

Penrite Blue Top Up Premix Coolant is a blue coloured, non silicate, hybrid, ethylene glycol, Type A, Anti-Freeze Anti-Boil coolant mixed with demineralized water that can be used as a premix and top up. It utilizes a hybrid inhibitor system of both organic and conventional inhibitors.



Universal Top Up (Premix)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Yellow |
|--------------|-----------|------------|----------------------------|----------------|
|--------------|-----------|------------|----------------------------|----------------|

| | | |
|------------------|-----------|---|
| AFABPMXYELLOW001 | 1 Litre | 6 |
| AFABPMXYELLOW020 | 20 Litres | 1 |

Key Specifications: AS2108-2004 Type A, BS 6580, SAE J1034, ASTM D3306/4985, JCB STD 0088, JASO M325 (Japan)

Penrite Universal Coolant Top Up is ready to use and can be mixed with all coolant and inhibitor types including those that contain ethylene glycol and long life, low depletion rate inhibitors. It is specially designed not to discolour existing coolant.



SUITS ALL COOLANT TYPES & COOLANT COLOURS
NO DISCOLOURING OF EXISTING COOLANT*



Radiator Inhibitor (Concentrate)

| Product Code | Pack Size | Carton Qty | Technology: Type B | Colour: Green |
|--------------|-----------|------------|--------------------|---------------|
|--------------|-----------|------------|--------------------|---------------|

| | | |
|-------|-----------|---|
| RI020 | 20 Litres | 1 |
|-------|-----------|---|

Key Specifications: AS 2108-2004 Type B, ESR FM7C 35-C, R1-4C

Penrite Radiator Inhibitor is a Green coloured cost effective, low silicate and phosphate based Type B coolant that protects against corrosion, cavitation, scaling and oxidation in vehicles that do not require an Anti-Freeze Anti-Boil coolant.



HD AFAB 50/50 (Premix)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Green |
|--------------|-----------|------------|----------------------------|---------------|
|--------------|-----------|------------|----------------------------|---------------|

| | | |
|-----------------|-------------|---|
| HDAFAB50020 | 20 Litres | 1 |
| HDAFAB50205 | 205 Litres | 1 |
| HDAFAB501000LTR | 1000 Litres | 1 |

Key Specifications: AS 2108-2004 Type A, Ford ESE M97B44-A, ASTM D3306, BMW N 600 69.0, Deutz AG 0199-99-1115/2091, GM 1825M/1899M, Holden HN 2217, MB 325.0, SAAB 69 01 599

Penrite HD Anti-Freeze Anti-Boil is a Green coloured Type A Hybrid, long life coolant suitable for most vehicles. It is an ethylene glycol-based product that utilises hybrid organic and conventional inhibitors formulated to protect against over-heating, freezing, corrosion and cavitation in cooling systems.



HD Longlife ECOI (Concentrate)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Red |
|--------------|-----------|------------|----------------------------|-------------|
|--------------|-----------|------------|----------------------------|-------------|

| | | |
|-----------------|-------------|---|
| AFABECO1005 | 5 Litres | 4 |
| AFABECO1020 | 20 Litres | 1 |
| AFABECO1205 | 205 Litres | 1 |
| AFABECO11000LTR | 1000 Litres | 1 |

Key Specifications: AS2108-2004 Type A, Caterpillar EC-1, MB 325.3, JASO M325 (Japan), JIS K2234 (Japan), Cummins, MTU MTL 5048, Ford ESE M97B44-D, TMC RP329, Isuzu (GM6277M), Komatsu KES 07.892

Penrite HD Long Life ECOI Anti-Freeze Anti-Boil is a Red coloured heavy duty Type A Hybrid, long life coolant. It is an ethylene glycol-based product that utilises a low depletion rate inhibitor system formulated to protect against over-heating, freezing, corrosion and cavitation in cooling systems.



HD Longlife ECOI (Premix)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Red |
|--------------|-----------|------------|----------------------------|-------------|
|--------------|-----------|------------|----------------------------|-------------|

| | | |
|--------------------|-------------|---|
| AFABECOIPMX005 | 5 Litres | 4 |
| AFABECOIPMX020 | 20 Litres | 1 |
| AFABECOIPMX205 | 205 Litres | 1 |
| AFABECOIPMX1000LTR | 1000 Litres | 1 |

Key Specifications: AS2108-2004 Type A, Caterpillar EC-1, MB 325.3, JASO M325 (Japan), JIS K2234 (Japan), Cummins, MTU MTL 5048, Ford ESE M97B44-D, TMC RP329, Isuzu (GM6277M), Komatsu KES 07.892

Penrite HD Long Life ECOI Premix Anti-Freeze Anti-Boil is a Red coloured heavy duty Type A Hybrid, long life coolant. It is an ethylene glycol-based product that utilises a low depletion rate inhibitor system formulated to protect against over-heating, freezing, corrosion and cavitation in cooling systems.



PGXL (Premix)

| Product Code | Pack Size | Carton Qty | Technology: Type A, Hybrid | Colour: Blue |
|--------------|-----------|------------|----------------------------|--------------|
|--------------|-----------|------------|----------------------------|--------------|

| | | |
|-------------|-------------|---|
| PGXLPMX020 | 20 Litres | 1 |
| PGXLPMX205 | 205 Litres | 1 |
| PGXLPMX1000 | 1000 Litres | 1 |

Key Specifications: ASTM D6257, D6211, Freightliner, Landrover, Saab, Scania, Caterpillar, GM Heavy Truck, Toyota Cummins, Kenworth, New Holland, TMC RP 330, Daimler Chrysler, Mercedes Benz, MTU

Penrite PGXL Coolant Premix is a blue coloured, heavy duty propylene glycol based, low silicate, phosphate and amine free hybrid engine coolant.



Classic Car Coolant (Concentrate)

| Product Code | Pack Size | Carton Qty | Technology: Type B | Colour: Clear |
|--------------|-----------|------------|--------------------|---------------|
|--------------|-----------|------------|--------------------|---------------|

| | | |
|--------|---------|---|
| VCI001 | 1 Litre | 6 |
|--------|---------|---|

Key Specifications: AS 2108-2004 Type B

Penrite Classic Car Coolant is a Type B colourless, hybrid-organic, non-glycol based corrosion inhibitor designed specifically for use in veteran, Edwardian, vintage and classic car cooling systems that protects against corrosion, cavitation, scaling and oxidation.



10 Tenths Race Coolant

| Product Code | Pack Size | Carton Qty | Technology: Type B | Colour: Red |
|--------------|-----------|------------|--------------------|-------------|
|--------------|-----------|------------|--------------------|-------------|

| | | |
|--------|---------|---|
| RCI001 | 1 Litre | 6 |
|--------|---------|---|

Key Specifications: AS 2108-2004 Type B

Penrite 10 Tenths Race Coolant Inhibitor Concentrate is a non glycol based coolant that protects against corrosion, cavitation, scaling and oxidation in vehicles that do not require an Anti-Freeze Anti-Boil coolant.



Radiator Flush

| Product Code | Pack Size | Carton Qty | Colour: Blue |
|--------------|-----------|------------|--------------|
|--------------|-----------|------------|--------------|

| | | |
|---------|-----------------|---|
| ADRF375 | 375 Millilitres | 6 |
| ADRF020 | 20 Litres | 1 |

Penrite Radiator Flush is a fast acting, alkaline cleaner which removes rust, scale and other deposits from automotive cooling systems.



Radiator Stop Leak

| Product Code | Pack Size | Carton Qty | Colour: Blue |
|--------------|-----------|------------|--------------|
|--------------|-----------|------------|--------------|

| | | |
|----------|-----------------|---|
| ADRSL375 | 375 Millilitres | 6 |
|----------|-----------------|---|

Penrite Radiator Stop Leak is a Blue coloured high quality water based sealant for leaking cooling systems.



Radiator Inhibitor

| Product Code | Pack Size | Carton Qty | Colour: Yellow |
|--------------|-----------|------------|----------------|
|--------------|-----------|------------|----------------|

| | | |
|----------|-----------------|---|
| ADRIC375 | 375 Millilitres | 6 |
|----------|-----------------|---|

Penrite Radiator Inhibitor is a biodegradable inhibitor concentrate, formulated to prevent corrosion and cavitation in engine cooling systems that do not contain glycol based Anti-Freeze Anti-Boil solutions.



Expert Tip:

Always follow the manufacturer's recommendation, drain intervals and dilution rates.



| PENRITE PRODUCT | mL | Litres | | | | | | | |
|-----------------------------------|-----|--------|-----|---|----|----|----|-----|------|
| | 375 | 1 | 2.5 | 5 | 10 | 20 | 60 | 205 | 1000 |
| 3 Year Blue (Concentrate) | - | - | - | - | - | ● | - | ● | - |
| 4 Year Green (Concentrate) | - | ● | ● | ● | ● | ● | ● | ● | - |
| 4 Year Green (Premix) | - | ● | ● | ● | ● | ● | - | ● | - |
| 6 Year Magenta (Concentrate) | - | ● | ● | ● | - | ● | ● | ● | - |
| 6 Year Magenta (Premix) | - | ● | - | ● | - | - | - | - | - |
| Blue Top Up (Premix) | - | ● | - | - | - | - | - | - | - |
| Universal Top Up (Premix) | - | ● | - | - | - | ● | - | - | - |
| Radiator Inhibitor (Concentrate) | - | - | - | - | - | ● | - | - | - |
| HD AFAB 50/50 (Premix) | - | - | - | - | - | ● | - | ● | ● |
| HD Longlife EC01 (Concentrate) | - | - | - | ● | - | ● | - | ● | ● |
| HD Longlife EC01 (Premix) | - | - | - | ● | - | ● | - | ● | ● |
| PGXL (Premix) | - | - | - | - | - | ● | - | ● | ● |
| Classic Car Coolant (Concentrate) | - | ● | - | - | - | - | - | - | - |
| 10 Tenths Race Coolant | - | ● | - | - | - | - | - | - | - |
| Radiator Flush | ● | - | - | - | - | ● | - | - | - |
| Radiator Stop Leak | ● | - | - | - | - | - | - | - | - |
| Radiator Inhibitor | ● | - | - | - | - | - | - | - | - |

Key Features & Benefits of Engine Coolants:

- › OEM Approved products
- › Used for passenger light and heavy duty vehicles
- › 100% guaranteed to meet vehicle warranty requirements*
- › Organic Acid Technology (OAT), Hybrid and Conventional coolant types including type A (Anti-Freeze Anti-Boil with corrosion inhibitor) and type B (corrosion inhibitor only)
- › 6 YR coolants can be used where Original Equipment Manufacturer (OEM) Red, Magenta or Orange initial fill coolants are specified
- › Protects against rust and corrosion including in alloy engines
- › Provides freezing and boiling protection
- › Approved for vehicle warranty requirements
- › Available in concentrate and premix
- › Freezing and Boiling point protection
- › Specialised products for racing and classic car
- › Protection against rust and corrosion
- › Complete Coolant Range

* Please review the Product Information Sheets for the correct dilution rates on each product for more information.

