



# 100 Celebrating YEARS

## AUSTRALIAN OWNED AND TRUSTED SINCE 1926



## RED OEM COOLANT CONCENTRATE

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| PRODUCT CODE  | PACK SIZE | CARTON QTY |
|---------------|-----------|------------|
| COOLRED001    | 1L        | 6          |
| COOLRED005    | 5L        | 3          |
| COOLRED020    | 20L       |            |
| COOLRED020BOX | 20L       |            |
| COOLRED060    | 60L       |            |
| COOLRED205    | 205L      |            |

### PRODUCT BENEFITS

**Red OEM Coolant Concentrate** is a **GENUINE GLYSANTIN® G40® Original Equipment Manufacturer (OEM)**, fully licensed and warranty approved, type "A", ethylene glycol, anti-freeze anti-boil coolant as used in initial manufacturer factory fills. It uses a technically advanced Si-OAT (Organic Acid Technology) based inhibitor system that is Phosphate, Amine, Borate and Nitrite free. The extended long life inhibitor formulation prevents rust, corrosion, cavitation and degradation of the cooling system for 12 years or 800,000km. It is available in both concentrate and premix formulations.



**PLEASE NOTE:** Red OEM Coolant Concentrate replaces 8 Year 500,000 KM Red Coolant Concentrate and 6 Year Extended Drain Anti Freeze Anti Boil Coolant

### APPLICATION

**Red OEM Coolant Concentrate** is suitable for the cooling systems of petrol, LPG, light and heavy duty diesel engines that require full Si-OAT type A anti-freeze / anti-boil / anti-corrosion properties.

**Red OEM Coolant Concentrate** is suitable for cars, 4WD's, motorcycles, light & heavy duty commercial vehicles, construction and agricultural equipment. It is especially suited to vehicles of European origin such as Audi, Bentley, Bugatti, Lamborghini, VW, Seat and Skoda (all 2008 on), MAN trucks (Dec 2011 on), Mercedes-Benz trucks (Oct 2011 on) and Porsche (911, Boxster, Cayman, Cayenne, Panamera) 1997 onwards.

**Red OEM Coolant Concentrate** provides extended long-term protection against rust and corrosion for all materials used in the engine and in the cooling system. It protects cast iron, aluminium, copper and solder alloys as well as the hoses, seals and plastics. It is especially effective in all aluminium engines that are under load or used in extreme hot and cold climates. It may be used in all types of vehicles that use red, magenta or orange coloured initial fill coolants and it is also suitable for use in out of warranty service to maintain OEM performance. It is also ideal for motorcycles.

**Red OEM Coolant Concentrate** should be used at a concentration level of 50% or as per manufacturer recommended dosing rates. We recommend using **Penrite De-Mineralised Water** when mixing although the phosphate free formulation allows it to be mixed with normal tap water if necessary.

### COOLANT FLUSHING

Penrite recommend flushing the cooling system prior to a complete service refill. **Penrite Radiator Flush** effectively cleans the system in 7 minutes and prepares the cooling system for new coolant.

### DOSE RATE - FREEZING POINT BOILING POINT

Penrite recommend mixing at the manufacturers recommended concentration levels.

|                  |            |            |
|------------------|------------|------------|
| <b>Mix Ratio</b> | <b>33%</b> | <b>50%</b> |
| Freezing Point   | -18°C      | -38°C      |
| Boiling Point    | +104°C     | +109°C     |

### DEMINERALISED WATER

When mixing coolants, Penrite recommend mixing at the manufacturers recommended concentration levels with **Penrite De-Mineralised Water**

**Please Note:** A 58mm cap with pouring tap is available to fit 20 litre packs.  
<https://penriteoil.com.au/products/58mm-plastic-tap>



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### PRODUCT BENEFITS

- **12 Year or 800,000 km** (whichever comes first) drain intervals if used and maintained at 50%
- **OEM Approved** to maintain manufacturer's warranty & specifications
- Compatible with all plastics, rubbers and seals
- Protects all internal surfaces from corrosion, including aluminium
- **Phosphate free** formulation allows use with hard water
- **Borate, nitrite and Amine free**

### MANUFACTURER'S (OEM) APPROVALS & INDUSTRY LICENSES

- Audi TL 774-G
- Bentley TL 774-G
- Bugatti TL 774-G
- Cummins CES 14603
- Deutsche Bundeswehr TL 6850-0038/6
- Deutz DQC CC-14
- Deutz Fahr Harvesters (from 04/2017)
- Ducati (Approved)
- Irizar (from 09/2016)
- Lamborghini TL 774-G
- Liebherr Minimum LH-01-COL3A
- MAN 324 Type Si-OAT
- MB-Approval 325.5
- MB-Approval 325.6
- MTU MTL 5048
- Porsche (From 2010)
- Seat TL 774-G
- Setra MB-Approval 325.5
- Skoda TL 774-G
- Smart MB-Approval 325.6 (from 05/2014)
- VW TL 774-G

### PRODUCT PERFORMANCE LEVELS

- |                              |                             |
|------------------------------|-----------------------------|
| • AS 2108-2004 Type A        | • JI Case JIC 501           |
| • ASTM D-3306                | • JIS K2234 (Japan)         |
| • Audi TL 774-G              | • KSM 2142 (Korea)          |
| • Audi TL 774-G (G12++)      | • Lamborghini TL 774-G      |
| • Bentley TL 774-G           | • MAN 324 Type Si-OAT       |
| • BS 6580                    | • MB 325.5.                 |
| • Bugatti TL 774-G           | • MB 325.6.                 |
| • Cummins CES 14603          | • Nissan NES M5059          |
| • CUNA NC 956-16             | • Opel B 040 1065           |
| • Deutz AG 0199-99-1115/2091 | • Renault 41-01-001Q Type D |
| • DEUTZ DQC CC-14            | • SAAB GM6277M              |
| • Fiat 9.55523               | • SAE J1034                 |
| • Ford M97-B44-D             | • Scania T1.02-98 0813      |
| • G12++                      | • SEAT TL 774-G (G12++)     |
| • German Army TL6850-0038/1  | • Skoda TL 774-G            |
| • Glysantin® G40®            | • SKODA TL 774-G (G12++)    |
| • GM 1825M                   | • Smart MB 325.6            |
| • GM 1899M                   | • Toyota Long Life TSK2601G |
| • GM 6277M                   | • UNE 26.361.88             |
| • GM Holden 6277M            | • Vauxhall B 040 1065       |
| • Jaguar M97-B44-D           | • VW TL 774-G               |
| • JASO M325 (Japan)          | • VW TL 774-G (G12++)       |
| • Jenbacher TA 1000-0201     |                             |

### TYPICAL DATA

|                                     |       |
|-------------------------------------|-------|
| Colour                              | Red   |
| Density at 20°C, kg/L (Concentrate) | 1.124 |
| Glycol Content, g/L (Concentrate)   | 1037  |