



PENRITE



**85% REDUCTION
IN LANDFILL
WASTE**

500,000 KM RED CONCENTRATE

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PRODUCT CODE	PACK SIZE	CARTON QTY
COOL500RED001	1L	6
COOL500RED005	5L	3
COOL500RED020	20L	1
COOL500RED060	60L	
COOL500RED205	205L	

PRODUCT BENEFITS

500,000KM Red Coolant Concentrate is a **Type A** anti-freeze/anti-boil, **silicate, phosphate and amine free** coolant, safe for all types of light and heavy duty vehicles. It uses a technically advanced **OAT** (Organic Acid Technology) inhibitor formulation which provides a stable long life coolant that prevents rust, corrosion, cavitation and degradation of the cooling system.

Application

500,000KM Red Coolant Concentrate is suitable for passenger cars, 4WD's, motorcycles, light & heavy duty commercial vehicles, construction and agricultural equipment. It can be used in Australian, European, Asian and US vehicles that specify an OAT type anti-freeze/anti-boil coolant.

500,000KM Red Coolant Concentrate is suitable for the cooling systems of petrol, LPG, light and heavy duty diesel, industrial engines and motorcycles where **Type "A"** anti-freeze / anti-boil and anti-corrosion properties are required. It provides long-term protection against rust and corrosion for all materials used in the engine and the cooling system. It protects cast iron, aluminium, copper and solder alloys as well as the hoses, seals and plastics. It is effective in all cast iron and aluminium engines that are under load or used in extreme hot and cold climates.

500,000KM Red Coolant Concentrate should be used at a concentration level of 33% - 50%. We recommend using de-mineralised water when mixing although the phosphate free formulation allows it to be mixed with normal tap water if necessary.

- *Penrite recommends 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.*
- **Penrite De-Mineralised Water** is recommended for mixing coolants

DOSE RATE - FREEZING POINT BOILING POINT

Mix Ratio	33%	50%
Freezing Point	-18°C	-38°C
Boiling Point	+104°C	+109°

SERVICE INTERVALS

When used as indicated and correctly maintained

Passenger Cars, 4WD, Light Commercial	500,000 KM
Heavy Duty On Highway	500,000 KM
Heavy Duty Off Highway	5,000 Hours

PRODUCT BENEFITS

- **500,000km** drain intervals if used and maintained at 33%-50% concentration levels
- Meets with many manufacturer's specifications
- Compatible with all plastics, rubbers and seals
- Protects all internal surfaces from corrosion, including aluminium
- **Phosphate** free formulation allows use with hard water
- **Silicate** and **Amine**
- Suitable for Asian vehicles specifying non-silicate coolant





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PRODUCT PERFORMANCE LEVELS

- AS/NZS 2108-2004 Type A
- ASTM D-3306
- ASTM D-4985
- BS 6580
- Fiat 9.55523
- Ford ESE M97-B44D
- GM 1825M
- GM 1899M
- GM 6277M
- Holden HN 1825M
- JASO M325 (Japan)
- JIS K2234 (Japan)
- KSM 2142 (Korea)
- Mitsubishi ES-X64217
- MTU MTL 5048
- Nissan NES M5059
- Opel B 040 1065
- Renault 41-01-001Q Type D
- SAAB GM6277M
- SAE J1034

TYPICAL DATA

Colour	Red
Density at 20°C, kg/L	1.124
Flash Point, °C	>120
Boiling Point °C	>160
pH	8.0 - 9.5