

PRODUCT DATA SHEET

# JAYRAD COOLANT CONCENTRATE

100% CONCENTRATE – HOAT



## PRODUCT DESCRIPTION

**Jayrad Coolant Concentrate** is a HOAT-based (Hybrid Organic Acid Technology) concentrate coolant formulated with a proprietary blend of long-lasting inhibitors to provide exceptional thermal stability and corrosion protection. Free from phosphates and amines and containing low silicates, this coolant is ideal for modern engines built with aluminium components, ensuring reliable performance across extended service intervals.

**Jayrad Coolant Concentrate** offers superior protection for water pumps, gaskets, and seals, making it suitable for use in petrol, LPG, and light-duty diesel engines. It is also compatible with older cast iron engine blocks, offering flexibility for both classic and late-model vehicles. When diluted with demineralised water as directed, it delivers a strong defense against overheating, freezing, and scale formation.

**DIRECTIONS:** Dilute with equal parts demineralised or distilled water as per manufacturer recommended dosing rates, then pour contents into the cooling system. **NOT** to be used in concentrated form.

## BENEFITS

- Advanced HOAT formulation for balanced long-term protection and compatibility
- Provides effective corrosion prevention for mixed-metal systems
- Maintains system integrity over long drain intervals (up to 7 years or 1,000,000 km)
- Protects water pumps, gaskets, seals, and cooling system components
- Safe for use in aluminium and cast iron engines

## DOSE RATE – FREEZING POINT – BOILING POINT

DOSE	33%	50%
FREEZING POINT	-20°C	-38°C
BOILING POINT	102°C	109°C

## CHARACTERISTICS

TEST	TYPICAL VALUE
Density 15° C g/cm <sup>3</sup>	1.1
Boiling Point °C (not mixed)	165
Flash Point °C (not mixed)	>129
Colour	Yellow

## PRODUCT SIZE

	PART NUMBER	SIZE
YELLOW	JAYC008	1L
	JAYC022	5L
	JAYC038	20L
	JAYC058	200L
	JAYC071	1000L

## SPECIFICATIONS & PERFORMANCE LEVEL

- ASTM D3306 / D4985 / D6210 BS 6580
- Chrysler MS-9769 / MS-7170
- CUNA NC 956-16
- Deutz 0199-99-1115/6
- Deutz 0199-99-1115/2091
- Fiat 9.55523
- Freightliner 48-2288D
- GM 1825M / 1899M / 6277M
- JASO M325
- GE Jenbacher TA 1000-0201
- JIS K 2234
- John Deere JDM H24
- Kenworth R026-170-97
- KSM 2142 (Korea)
- Leyland/Rover BLS.22.AF.01
- Mack 014GS17009
- MB 325.0
- MTU MTL 5048
- Case New Holland WSN-M97B18-D
- Opel/Vauxhall B 040 1065
- Opel QL 13D100
- Saab-Scania 6901
- Scania T1.02-98 0813
- Toyota TSK2601G
- US Fed A-A-870-A
- Volvo VCS
- Audi/Seat/Skoda/VW TL 774-C (G11) / TL 774-D (G12) / TL 774-F (G12+)
- Lamborghini TL 774-D (G12) / TL 774-F (G12+)
- Caterpillar EC-1
- Cummins CES 14603 / CES 85T8-2 / CES MG03
- Detroit Diesel DDC 7SE 298
- Federal Standard O-A-548D
- Ford ESE-M97B44-A / ESE-M97B44-D / ESE-M97B18-C
- Ford M97-51A
- Ford WSS-M97B51-A1
- Ford WSS-M97B44-D
- German Army TL 6850-0038/1
- Holden HN 2043 / HN 2217
- JCB STD 0088
- JI Case JIC-501
- Komatsu KES 07.892
- Liebherr MD 1-36-130
- MAN 324
- Mitsubishi ES-X64217
- Navistar MPAPS B-1 Type III
- Nissan NES M5059
- Peterbilt 8502.002
- Renault 41-01-001Q Type D
- SAE J1034 / J1941
- TMC RP329
- UNE 26.361.88

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