



Shell Multi-Road Pre-Diluted Coolant

‘Ready-to-Use’ Water Based Coolant (pre-diluted) where non-glycol products are used or specified for gasoline and diesel engines

Shell Multi-Road Pre-Diluted Coolant is a light duty or heavy duty water based engine coolant already pre-mixed and ready to use. It contains corrosion inhibitors to protect engine parts normally found in cooling systems of gasoline and diesel engines. It is suitable for light duty automotive as well as heavy duty applications where water based coolants are specified or used. Shell Multi-Road Pre-Diluted Coolant is ready to use and requires no additional dilution with water.

Applications

Light duty and heavy duty engine Shell Multi-Road Pre-Diluted Coolant is a nitrite, amine and phosphate-free (NAP) engine coolant suitable for light duty automotive as well as heavy duty gasoline and diesel engines found in on-road, off-road, marine, farm, mining and construction equipment where a water based coolant is either specified or used.

Shell Multi-Road Pre-Diluted Coolant contains inhibitors to protect engine parts against corrosion, including copper, solder, brass, steel, cast iron and aluminium parts. It also provides excellent wet sleeve liner cavitation protection without the use of nitrites. The product is recommended for use in mixed fleet, gasoline and diesel, applications where a water based fluid may be used. As sold, it is ready for use - **do not add water.**

Performance Features and Benefits

- **Field compatibility**
Reco-Cool Multi-Road Pre-Diluted Coolant is miscible and compatible with other similarly formulated water based coolants. It is also compatible with standard heavy duty SCAs and coolant filters.
- **Shell Multi-Road Coolant is part of the Recochem family of coolants.**
- **Free from silicates, phosphates, borates, nitrites and amines**
No possibility for silicate gelation and related fallout issues.

- **Environmentally friendly**

Product contains no glycol and the organic components are readily biodegradable.

Specifications and Approvals

Shell Multi-Road Pre-Diluted Coolant is recommended for use with the following engine coolant specifications:-

ASTM	D 3306 / D 4985
AS/NZS	2108:2004 Type B
BS	6580
FS	NFR-15 601
Chrysler	MS 9769
Ford	WSS-M97B44-D /WSS-M97B51-A
GM	1825M /1899M /6277M
JIS	2234
MAN	324 NF
Mercedes	DBL 325
MTU	MTL 5048
Renault	Type D
Audi	TL-774 F
SEAT/Skoda	TL774F
VW	TL 774 F
Nissan	NES 5059 LLC
Peugeot	B71 5110

Health & Safety

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from your Recochem representative.

Protect the Environment

Take used coolant products to an authorised collection point. Do not discharge into drains, soil or water.

Extended Shelf Life

When kept sealed in the original shipping container and stored under cover, away from direct sunlight this product has a two year shelf





life. Product should not be left in open unsealed containers due to possible water loss.

Typical Physical and Chemical Characteristics

Multi-Road Pre-Diluted Coolant	Method	Units	Performance
Appearance	Visual		Blue, Clear and Bright Fluid
pH (as sold)	ASTM D 1287		7.5 – 9.5
Reserve Alkalinity	ASTM D 11121	mL 0.1N HCL	1.5 min
Specific Gravity (15 DegC)	ASTM D 1122	kg/L	1.005 – 1.015
Freeze Point (as sold)	ASTM D 1177	Deg C	0
Chloride	ASTM D 3634	Ppm	25 max

These characteristics are typical of current production. Whilst future production will conform to Recochem's specification, variations in these characteristics may occur.

