

# Reco-Cool Multi-Fleet Pre-Diluted Coolant

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

Reco-Cool Multi-Fleet Pre-Diluted Coolant is a light duty and heavy duty water based engine coolant already pre-mixed and ready to use. It contains corrosion inhibitors to protect engine parts found in cooling systems of gasoline, diesel and marine engines. It is suitable for light duty automotive and heavy duty truck/bus & off road equipment as well as marine engine where water based coolant is used. Reco-Cool Multi-Fleet Pre-Diluted Coolant is ready to use and requires no additional dilution with water.

## Applications

Reco-Cool Multi-Fleet Pre-Diluted Coolant is formulated from Recochem’s proprietary organic additive technology (OAT). It is a nitrite, amine, phosphate and silicate-free (NAPS) engine coolant suitable for light duty automotive and heavy duty diesel engines found in marine, truck/bus and mining, construction & agricultural equipment where a water based coolant is either specified or used.

Reco-Cool Multi-Fleet Pre-Diluted Coolant contains inhibitors to protect engine parts against corrosion, including cast iron, steel, copper, brass, solder 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 fleets, 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

- **Long life organic acid technology**  
In Petrol Engine applications, this product is suitable for use up to 5 years or 250,000km whichever comes first. In Diesel Engine applications, this product is suitable for use up to 500,000km or 6,000 hours.
- **Field compatibility**  
Reco-Cool Multi-Fleet Pre-Diluted Coolant is miscible and compatible with other similarly formulated OAT coolants.
- **Free from silicates, phosphates, borates, nitrites and amines (NAPS free)**  
No possibility for silicate gelation and related fallout issues.

- **Environmentally friendly**  
Product contains no ethylene glycol therefore non-toxic and the organic components are readily biodegradable.

## Specifications and Approvals

Reco-Cool Multi-Fleet Pre-Diluted Coolant is recommended for use with the following engine coolant specifications:-

ASTM	D3306 / D6210
BS	6580
JIS	K2234
CAT	EC-1
Cummins	CES 14603
Chrysler	MS12106
Ford	WSS-M97B44-D1/WSS-M97B51-A
GM	1825M/1899M/6277M
Komatsu	AFNAC
MAN	324 NF
Mercedes	MB 325.3/326.3
MTU	MTL 5049
Scania	
Renault	Type D
VW/Audi	TL-774 F
Nissan	NES 5059 LLC
Peugeot	B71 5110

## Health & Safety

Guidance on Health and Safety is available on the appropriate Material 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 five year shelf life.



### Typical Physical and Chemical Characteristics

Reco-Cool Multi-Fleet 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.

