



RECO-COOL HD EXPERT EXTEND WB Pre-Diluted Coolant

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

Reco-Cool HD Expert EXTEND Water Based 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. Reco-Cool HD Expert EXTEND Water Based Pre-Diluted Coolant is ready to use and requires no additional dilution with water.

Applications

Heavy duty and light duty engine coolant Reco-Cool HD Expert EXTEND WB Pre-Diluted Coolant is a nitrite, amine and phosphate-free (NAP) engine coolant suitable for light duty automotive as well as heavy duty diesel & CNG engines found in on-road, off-road, marine, agricultural, mining and construction equipment where a water based coolant is either specified or used.

Reco-Cool HD Expert EXTEND WB 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

- **Long life organic additive technology**

This product when used in diesel applications is suitable for up to 600,000km, 4 years or 8,000 hours, whichever comes first. In automotive applications, the product is suitable for up to 5 years or 250,000km, whichever comes first.

- **Field compatibility**

Reco-Cool HD Expert EXTEND WB Pre-Diluted Coolant is miscible and compatible with other similarly formulated water based 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

Reco-Cool HD Expert EXTEND WB Pre-Diluted Coolant is recommended for use where the following industry and OEM specifications are required:-

ASTM	D3306/D6210
BS	6580
JIS	2234
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
Volvo	
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 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 stored undercover, away from moisture and direct sunlight, this product should be suitable for use for up to two years after manufacture.

Typical Physical & Chemical Characteristics

Reco-Cool HD Expert EXTEND WB Pre-Diluted Coolant	Performance	Test Method
Appearance, visual colour	Blue/Green, Clear & Bright	Visual
Specific Gravity (15.6°C)	1.005-1.015	ASTM D 1122
Freeze Point (50% by vol)	0°C	ASTM D 1177
pH (50% vol)	7.5-9.5	ASTM D 1287
Reserve Alkalinity (ml 0.1N HCL)	1.5 Min	ASTM D 1121
Chloride (ppm)	25 Max	ASTM D 3634

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