



RECO-COOL HD EXPERT CLASSIC 50% Pre-Diluted Antifreeze/Coolant

‘Ready-to-Use’ High Quality Fully Formulated Nitrited Antifreeze/Coolant 50% Pre-Diluted For Heavy Duty Applications

Reco-Cool HD Expert CLASSIC 50% Pre-Diluted Antifreeze/Coolant is a fully formulated, traditional chemistry corrosion inhibitor technology heavy-duty diesel engine coolant, and is formulated to include silicate, borate, nitrate and nitrite corrosion inhibitors, amongst others. It is phosphate and amine free.

Applications

Reco-Cool HD Expert CLASSIC 50% Pre-Diluted Antifreeze/Coolant is suitable for heavy duty gasoline and diesel engines found in on-road, off-road, farm, mining and construction.

Reco-Cool HD Expert CLASSIC 50% Pre-Diluted Antifreeze/Coolant contains borate, nitrite and silicate corrosion inhibitors. This product does not require a charge of supplemental coolant additives (SCAs) during initial fill or if the coolant is totally replaced.

It is recommended in diesel applications that the coolant be checked and SCAs replenished to comply with the engine OEM recommendations.

This product is specifically formulated to protect cylinder liners from pitting in heavy duty applications. The low silicate levels also provide aluminium compatibility for use in mixed fleet, gasoline and diesel, applications.

This product is ‘ready-to-use’ and should not be diluted further with water.

- **Service life**

This product is suitable for up to 3000 hrs or 300,000 km in heavy duty application under normal operating conditions, whichever comes first, provided the coolant is kept in good conditions with the SCA levels in line with the OEM requirements.

- **Corrosion protection**

This product protects coolant system metals such as copper, solder, brass, steel, cast iron and aluminium against corrosion. It also protects wet sleeve liners against cavitation and corrosion.

- **Field compatibility**

Reco-Cool HD Expert CLASSIC Antifreeze/Coolant is miscible and compatible with other traditional fully formulated coolant products. It is also compatible with standard heavy duty SCAs and coolant filters.

- **Phosphate and amine free**

This product is based on traditional inorganic inhibitors, including silicates, nitrites and borates. It is phosphate and amine free.

Performance Features and Benefits



MINING | CONSTRUCTION | AGRICULTURE | MARINE | TRUCK | EQUIPMENT

Specifications and Approvals

Reco-Cool HD Expert CLASSIC 50% Pre-Diluted Antifreeze/Coolant has been formulated to meet the following coolant specifications:

OEM/Industry

ASTM

AS/NZS

Caterpillar

Cummins

Chrysler

DDC

Ford

Freightliner

GM

International

Kenworth

Mack

New Holland

Paccar

Peterbilt

SAE

TMC

Scania

Volvo

US Fed

Specification

D3306/D4985/D6210-10/
D7583

2108:2004 Type A

(Other than EC-1)

Bulletin #366132

MS7170

7SE298; 93K217

ESE-M97B44-A,

ESE-M97B18-C

48-22880

1825M; 1899M; Heavy
Truck

(IT&E) CEMS-B1

RO26-170-97

WSN-M97B18-D

8502.002

J1034/J1941

RP 329

6901

Heavy Truck

A-A-870-A

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 CLASSIC 50% Pre-Diluted Antifreeze/Coolant	Performance	Test Method
Appearance, visual colour	Green, clear & bright	Visual
Freeze Point (50% by vol)	-37°C	ASTM D 1177
pH (50% vol)	10.0-11.0	ASTM D 1287
Reserve Alkalinity (ml 0.1N HCL)	4.0 Min	ASTM D 1121
Specific Gravity (15.6°C)	1.060 Min	ASTM D 1122
Chloride (ppm)	25 Max	ASTM D 3634
Total Apparent Water (%w/w)	49.0 to 51.0	

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