

PROCOOL POWER WB PREMIX RED PRODUCT DATA SHEET

Issue 1 Issue Date: October 2023

Procool Power WB Premix Red is a heavy-duty Ready to Use RTU coolant based on a unique non-2EHA proprietary extended life organic inhibitor technology specially formulated to provide complete corrosion protection in aqueous systems of heavy-duty engines where freeze protection is not required.

Procool Power WB Premix Red is formulated using a combination of organic acid inhibitors and does not contain borate, nitrite, amine, phosphate and silicate and is therefore the recommended choice to meet the latest chemistry requirements of heavy duty engine and vehicle OEMs around the globe. The product will provide complete protection to all cooling system components from corrosion and cavitation and maintain proper heat transfer capabilities. Fully MTU MTL-5049 approved.

APPLICATIONS

Procool Power WB Premix Red is designed to be used in the following applications:

- On-road/off-road heavy-duty diesel, gasoline and natural gas engine applications.
- In stationary engines used in natural gas processing, irrigation, power generation, marine applications, oilfield operations, construction and agricultural equipment and portable air compressors.
- As an inhibitor package for central heating systems, hydraulic safety fluids and mining fluids.
- As a hot test liquid for new engine blocks and to protect engines for up to two months of storage.
- As a heat transfer fluid for industrial and commercial applications including data centers and secondary cooling systems in food and medical manufacturing facilities.
- To provide corrosion protection for commercial, construction, agricultural and military engines during storage.

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

PERFORMANCE FEATURES AND BENEFITS

Use of the product provides a longer service life and improves wet sleeve cavitation, general corrosion, and elastomer compatibility protection.

Long life organic additive technology

When used, and maintained as recommended, this product can be used in service up to 1,000,000 km, 12,000 hours or 6 years for on-road and off-road applications. For stationary/ power-generation applications, the fluid service life is up to 32,000 hours, or 5 years. OEM manufacturers' maintenance guidelines must be always followed. Coolant formulation is based on the extended life corrosion inhibitor A216 technology in aqueous solutions where freeze protection is not required. Free from amine, borates, nitrites, phosphates, and silicates. This product does not contain any borates, nitrites, amines, phosphates or silicates (BNAPS Free) and therefore is the recommended choice to meet the major chemistry restrictions of Heavy Duty OEMs around the globe. Being silicate free, this product has no possibility of silicate gelation and other associated fallout issues.

Extended shelf life

All packages should be stored under cover. Where outside storage is unavailable, drums should be laid horizontally to avoid ingress of water and the possible obliteration of drum labels/makings. Product should not be stored above 60oC (140oF), exposed to direct sun or freezing conditions.

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SPECIFICATIONS AND APPROVALS

Procool Power WB Premix Red is recommended for use with the following industry and OEM specifications:

Full approval:

- MTU MTL-5049
- Ref:
- MTU/Rolls Royce A001072/02E
- MTU DDC/Daimler A001061/32E

Recommended for use where the following specifications are required:

- ASTM SAE
- AFNOR

Recommended for use where following equipment are cited:

- AGRO
- Caterpillar
- CNHi
- Cummins
- DAF
- Detroit Diesel
- DEUTZ
- FENDT
- International
- Jenbacher
- John Deere
- Kenworth
- Komatsu
- KUBOTA
- MAN
- Mercedes Benz
- MTU
- Navistar
- Scania
- Vestas
- Volvo/Mack
- Wartsila
- WAUKESHA

HEALTH AND SAFETY

Comprehensive information detailing potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used product is available in the Safety Data Sheet.

Recochem cannot accept liability if the product is used other than in the matter or with the precautions or the purpose's specified in the Product Data Sheet or in the SDS.

Protect the Environment

Take used coolant products to an authorised

PROCOOL POWER WB PREMIX RED PHYSICAL AND CHEMICAL PROPERTIES

Test	Method	Units	Performance
Appearance	Visual		Red, Clear and Bright Fluid
pH	ASTM D 1287		8.7
Specific Gravity(15.6 °C)	ASTM D 1122	kg/L	1.02 typ
Freeze Point	ASTM D 1177	°C	0°C
Boiling Point	ASTM D 1120	°C	100 °C
Foaming Test	ASTM D 1181	Vol (mL) Break Time (sec)	40 13
Shelf Life (new)			2 years

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

Notice: Because use conditions and applicable laws may differ from one location to another and may change with time, the customer is responsible for determining whether products and the information in this document is appropriate for their use and for ensuring that their workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Procool's warranty is limited to the claims of product meeting stated specifications. It is the responsibility of the end user to determine product suitability as recommended in the Owner's Manual and to follow engine manufacturer's instructions.