

COOLANT LONG LIFE

PREMIX OAT SF EXTENDED LIFE COOLANT READY TO USE (DO NOT ADD WATER)

BULWARK COOLANT LONG LIFE is ready-to-use anti-freeze/anti-boil cooling fluid with highly de-ionized water and Hybrid Organic Acid corrosion inhibitors. It is NAP, silicates free and contains a mix of inhibitors developed to give the highest protection to engine components made of Ferrous and Aluminum such as radiators, engine blocks, heads & water pumps of modern light, medium and heavy duty on-road vehicles & stationary engines having closed loop coolant circulation systems.

BULWARK COOLANT LONG LIFE is designed for use in all light, heavy-duty and stationary engines requiring HOAT coolant/antifreeze and where OEM has recommended the use of long-life coolants.

DIRECTIONS TO USE

This product is a ready to use pre-mixed fluid hence should not be diluted further with water. It is always recommended to top up with the same pre-mixed coolant, except in extreme emergency situation, when refilling the radiator by adding equal amounts of distilled or demineralised water to the existing concentrate is possible/allowed.

Available in 205L Drums

PERFORMANCE LEVEL*

- ASTM D3306, ASTM D4656, ASTM 4985;
- CAT GCM34; MAK; MWM 0199-99-2091/12; MB 312.0;
- Jenbacher TA 1000-0200; Holden; Detroit DFS93K217;
- Waukesha; GEC Alstom; Hyundai; Liebherr; Menag; MTU MTL 5049;
- Bergen Engines 2.13.01; MAN 248; MAN B&W AG D36 5600;
- Wartsila 32-9011; SACM Diesel DLP 799861;
- New Sulzer Diesel TR 1508-10/94; Porsche; MAN B&W A/S

KEY BENEFITS

- Excellent protection from corrosion
- Extended Long Service Life
- Improved Heat Transfer capabilities
- Compatible with non-metallic cooling system components

TYPICAL CHARACTERISTICS**

Properties	Test Methods	COOLANT 6580
Density at 20°C kg/m ³	ASTM D4052	1.067
Freezing point, °C	ASTM D3321	-37
Reserve Alkaline, ml	ASTM D1121	6.0
Equilibrium boiling point, °C (min)	ASTM D1120	114
pH	ASTM E70	8.7
Foaming Tendency, ml	ASTM D4921	12

* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

** Typical Characteristics are typical values. Minor variations within the permissible tolerance limits may be expected on the final product.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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