LUBEX ANTIFREEZE G-12 PLUS

ENGINE COOLANT

PRODUCT DESCRIPTION

LUBEX ANTIFREEZE G-12 PLUS is a high performance extended life engine coolant concentrate. It is an ethylene glycol-based formulation and is designed with advanced non-depleting corrosion inhibitor technology, offering a long, low maintenance service life.

APPLICATION/ USAGE

Based on patented silicate-free aliphatic additive technology it provides long life corrosion protection for most engine metals, including aluminum and ferrous alloys. It may be used in engines manufactured from cast iron, aluminum or combinations of the two metals, and in cooling systems containing aluminum or copper alloys. It is compatible with most other coolants based on ethylene glycol.

ADVANTAGES/ BENEFITS

- Offers long life protection against many types of corrosion through patented organic corrosion inhibitor,
- Its inhibitor package promotes cavitation protection without the use of nitrite or nitrite based supplemental coolant additives,
- High performance silicate, amine, nitrite and phosphate-free formulation contributes to reliable hard water stability,
- Aids high temperature corrosion protection in modern aluminum engines, helps reduces maintenance and increases uptime,
- Advanced carboxylic additives promote environmental protection.

APPROVALS

DTFR 29C110 (MB 325.3)

MAN 324 Type SNF

STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

“The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification.”

13.2024.10.30

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SPECIFICATIONS

ASTM D 6210
ASTM D 3306
Aston Martin
Audi TL-774 D = G 12
Audi TL-774 F = G 12+
Bergen Engines 2.13.01
Case New Holland MAT3724
Caterpillar MAK A4.05.09.01
Caterpillar MWM 0199-99-2091/11
Chevrolet
Cummins CES 14439
Cummins CES 14603
Cummins IS series u N14
DAF 74002
Detroit DFS93K217
Deutz DQC CB-14
DRB-HICOM Proton
Ford WSS-M97B44-D
GB 29743-2013 LEC-I/HEC-I
Hitachi
Isuzu
Jaguar CMR 8229
Jaguar STJLR 651.5003
Jenbacher TA 1000-0201
John Deere JDM H5
Komatsu 07.892 (2009)
Land Rover
Land Rover STJLR 651.5003
Leyland Trucks DW03245403
Liebher MD1-36-130
Mack 014 GS 17009
MAN B&W A/S
MAN B&W AG D36 5600
Mazda MEZ MN 121 D
MG-Motors Rover
Mitsubishi MHI
MTU MTL 5048
Opel-GM GMW 3420
Renault RNUR 41-01-001/--S Type D
Renault Trucks 41-01-001/--S Type D
Saab B 040 1065
Santana Motors
Saturn
Seat TL-774 D = G 12
Seat TL-774 F = G 12+
Skoda TL-774 D = G 12
Skoda TL-774 F = G 12+
TS 3582
Vauxhall GM 6277(+B040 1065)
Vauxhall GME L1301
Volkswagen TL-774 D = G 12
Volkswagen TL-774 F = G 12+
Volvo Construction
Volvo Penta
Volvo Trucks
Wärtsilä 32-9011
Waukesha
Yan

TECHNICAL PROPERTIES	TEST VALUES	TEST METHOD
Appearance	Red, clear	-
Density (15°C, g/ml)	1.110-1.140	ASTM D 5931
Reserve Alkalinity (pH 5,5)	5.0-7.0	ASTM D 1121
pH Value (20°C)	6.5-9.0	ASTM D 1287
pH Value (33 % antifreeze)	7.5-10.0	ASTM D 1287
Water Content (max., %)	max 5	ASTM D 1123
Ash Content (%)	max 2	ASTM D 1119
Boiling Point (min)	≥ 170	ASTM D 1120
Flash point (°C)	≥126.5	ASTM D 92
Freezing Point (33 % antifreeze,°C)	< -18	ASTM D 1177
Freezing Point (50 % antifreeze,°C)	< -36	ASTM D 1177
Nitrate Content	Not contain	-

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