

Extended Life Antifreeze

Organic Acid Technology Extended Life Antifreeze

PRODUCT DESCRIPTION

Extended Life Antifreeze, is an Organic Acid Technology (OAT) long life concentrate antifreeze based on mono ethylene glycol (MEG) providing effective protection against corrosion in especially aluminum and alloyed iron engines.

APPLICATIONS

It is suitable to use in engine coolant systems of passenger cars, light or heavy commercial vehicles, agricultural or construction equipments in all seasons.

CHARACTERISTICS

- It is free from hazardous nitrites, amines, phosphates or silicates and hence is environment friendly.
- It provides high protection against freezing or boiling.
- It has the longest drain intervals compared to conventional antifreezes.
- Its organic inhibitors enables perfect protection against corrosion in all cooling system components.

APPROVALS

- DAF 74002
- CNH MAT3624/3724 by TÜRK TRAKTÖR
- FIAT/LANCIA 9.55523 by TOFAŞ
- FORD WSS-M97B44-D

PERFORMANCES

- ASTM D 3306
- AGCO FENDT/VALTRA
- AUDI/SEAT/SKODA/VOLKSWAGEN W TL-774 D/F
- BYD
- CATERPILLAR GCM34
- CUMMINS CES 14439
- DEUTZ DQC CB-14
- FISHER
- FOTON Q-FPT 2313005-2013
- GM/OPEL/VAUXHALL GMW 3420
- HITACHI
- INGERSOLL RAND THERMO KING
- INNIO JENBACHER TA 1000-0200
- ISUZU
- JAGUAR CMR 8229/STJLR 651.5003
- KOBELCO
- LANDROVER STJLR 651.5003
- LIEBHERR MD1-36-130
- MAN 324 TYP SNF
- MAZDA MEZ MN 121 D
- MB-APPROVAL 325.3/326.3
- MTU MTL 5048
- MWM 0199-99-2091/12
- VAN HOOL
- VESTAS
- VW TL 774-F
- WARTSILA 32-9011
- WAUKESHA
- YANMAR

WARNINGS

- It is not recommended to be mixed with other antifreezes in order to show its performance.
- It should only be used by mixing with distilled or deionized water. It should not be mixed with extremely hard, tap, well or waste or salt water.
- In order to prevent freezing, the rate of antifreeze in the mixture should not be less than 33%, and it should not be more than 67% so that the heat carrying capacity does not decrease, that is, the engine does not overheat.
- The color of our product is sensitive to ultra violet rays. If it is exposed to sunlight for a long time, its color may fade, but the color change does not adversely affect the performance of the product.
- Using a bomometer to determine the mixing ratio may be misleading. However, with a calibrated refractometer you can always determine the correct mixing ratio.

TYPICAL PROPERTIES

Colour		Orange
Density@20°C, g/ml	ASTM D 4052	1,113
Pour Point, °C	ASTM D 1177	
%50 Extended Life Antifreeze+%50 Water		-38
%33 Extended Life Antifreeze+%67 Water		-18
Boiling Point, °C	ASTM D 1120	>160
Flash Point, °C	ASTM D 92	>120
pH (%50 Water Mixture)	ASTM D 1287	8,6
Reserve Alkalinity, ml	ASTM D 1121	5,9

HEALTH AND SAFETY RECOMMENDATIONS

Waste products must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste product, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.

The correct use of this product, compliance with applicable laws and regulations is responsibility of the user. Opet Fuchs Madeni Yağ. San. ve Tic. A.Ş. can not be held responsible for any loss or damage arising from the abnormal use and misuse or any hazards of product content and its results.

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