

## **Extended Life Antifreeze**

### *All Season Extended Life Antifreeze*

#### **PRODUCT DESCRIPTION**

**Extended Life Antifreeze**, is a long life concentrate coolant based on ethylene glycol. It is free from amines, nitrites, fosfates and silicates and is formulated using Organic Acid Technology (OAT). Extended Life Antifreeze provides effective protection against corrosion in modern technology engines especially aluminum and alloyed iron engines.

#### **APPLICATIONS**

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

#### **CHARACTERISTICS**

- It is free from nitrites, amines, fosfates and silicates and it is environment friendly.
- It has extended drain intervals than conventional antifreezes.
- Its organic inhibitors enables efficient protection against corrosion in all cooling system components.
- It is compatible with cooling system components and sealing elements.
- Mixing with conventional antifreezes is not recommended in order to fully utilize product's performance.
- It should be diluted with water before use. The antifreeze ratio in mixture should not be less than 33% and more than 67%. It should not be used with extremely hard water, sea water, salty water and waste water.

#### **APPROVALS**

- DAF 74002

#### **PERFORMANCES**

- ASTM D 3306
- CUMMINS (ISBe motorlar)
- DEUTZ TR-0199-99-1115
- FORD WSS-M97B44-D
- GM 6277M
- JOHN DEERE
- MB-APPROVAL 325.3
- MWM 0199-99-2091
- MTU/WARTSILA/WAUKESHA
- KOBELCO/KOMATSU/LIEBHERR
- RENAULT TYPE D
- VOLVO
- VW TL 774-F
- MAN 324 TYP SNF

### 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+%50 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.*

*This Technical Data Sheet is valid from the date of publication. The information in the content of this Technical Data Sheet are subject to change without notice. Please contact with Opet Fuchs Technical Services Department for more information.*