



DESCRIPTION:

Anti-Freeze Coolant LL OAT/SF Concentrate, mixed with the appropriate amount of water, is used as a cooling and heat transferring fluid in combustion engines. Excessive heat is transferred via the fluid to the radiator where the mixture is cooled by means of airflow. Anti-Freeze Coolant LL Concentrate is an ethylene glycol based fluid that provides maintenance-free protection against freezing and boiling but also against corrosion. Extended coolant life, often for the whole life of the engine or vehicle, is obtained through the use of virtually non-depleting corrosion inhibitors.

APPLICATION:

Anti-Freeze Coolant LL OAT/SF Concentrate provides long-life frost and corrosion protection. To ensure good corrosion protection it is recommended to use at least 33% of Anti-Freeze Coolant LL Concentrate in the mix. This provides frost protection to -20°C. Typical mixtures in temperature conditions as experienced in Northern Europe are 50/50, offering frost protection down to -40°C. Mixtures with more than 70% Anti-Freeze Coolant LL Concentrate in water are not recommended. The maximum frost protection (about -69°C) is obtained at 68% Anti-Freeze Coolant LL OAT/SF Concentrate.

Anti-Freeze Coolant LL Concentrate OAT/SF may be used with confidence in engines manufactured from cast iron, aluminium or combinations of the two metals, and in cooling systems made of aluminium or copper alloys. Anti-Freeze Coolant LL OAT/SF Concentrate is particularly recommended for hi-tech engines, where high temperature aluminium protection is important. This OAT Anti-freeze is also HOAT compatible.

FEATURES AND ADVANTAGES:

- Extended life by synergistic combination
- Improved heat transfer leaves more flexibility to engine design
- Reduces repairs to thermostat, radiator and water pump
- Reliability depletion free and stable inhibitor
- Improved hard water stability absence of silicates and phosphates
- Save time and money maintenance-free coolant
- Suitable for mixed fleets coolant for automotive & heavy-duty application
- Environmentally friendly by using carboxylic additives

PERFORMANCE LEVEL:

- Caterpillar CAT EC-1
- General Motors specification GM 6277M
- Komatsu KES 07.892.1
- Mercedes-Benz specification 325.3
- Volkswagen specification TL 774F
- Ford specification WSS-M97B44-D
- John Deere JDM H5
- MAN specification 324 type SNF
- Mitsubishi MHI
- Volvo Construction/Volvo Trucks

DISCLAIMER AND GENERAL ADVICE

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GUIDANCE ON HEALTH AND SAFETY ARE AVAILABLE ON THE APPROPRIATE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM YOUR DEOJAY REPRESENTATIVE.

FOR MORE INFORMATION CONTACT:
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PHYSICAL PROPERTIES:

ETHYLENE GLYCOL	93 % W/W GLYCOL
OTHER GLYCOLS	0.5 % MAX.
INHIBITOR CONTENT	5 % W/W
WATER CONTENT	5 % W/W MAX
ASH CONTENT	1.1 % W/W TYP
NITRITE, AMINE, PHOSPHATE, BORATE, SILICATE	NIL
SPECIFIC GRAVITY, 15°C	1.116 TYP.
SPECIFIC GRAVITY, 20°C	1.113 TYP.
EQUILIBRIUM BOILING POINT	180°C TYP.
RESERVE ALKALINITY (PH 5.5)	6.2 TYP.
PH, 20°C	8.6 TYP.
REFRACTIVE INDEX, 20°C	1.430 TYP.

PRODUCT ICON:



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