



Shellberge
Global Resources Ltd.

HD XF2

Premixed Radiator Coolant

Product Description

Shellberge HD XF2 Premixed Coolant is a single phase, ethylene glycol antifreeze/coolants based on an aliphatic corrosion inhibitor system.

Applications

Shellberge HD XF2 Premixed Coolant is based on a patented aliphatic organic additive formulation that provides a service life of 250,000 kilometers/5 years. The main corrosion inhibitors in Shellberge HD XF2 Premixed Coolant have been shown to remain above 95% of their original concentration with proper top off after 250,000 kilometers in automobiles. This allows much longer intervals between coolant change-outs. Shellberge HD XF2 Premixed Coolant has been formulated without inhibitors such as silicates that have been shown to be abrasive to water pump seals. In comparison taxi field tests versus conventional coolants, Shellberge HD XF2 Premixed Coolant reduced the need to replace water pumps during the 160,000 kilometer test.

Note: These products are not to be used to protect the inside of potable water systems against freezing

Features and Benefits

Shellberge HD XF2 Premixed Coolant provides the following qualities:

- Universal formula for both automotive and heavy duty diesel engines
- Excellent heat transfer properties
- Excellent anti-foam characteristics
- Excellent corrosion protection for aluminum, brass, copper, solder, steel and cast iron
- Low silicate formulation
- Nitrite-free, amine-free and borax-free
- Compatible with cooling system filters
- Compatible with heavy duty diesel supplemental coolant additives
- Compatible with conventional brands of coolant
- 100% biodegradable in its pure unused form

Typical Characteristics of Shellberge HD XF2

	Typical Value
Appearance	Greenish Fluorescent Green
Specific gravity	1.06
Freezing point, °F (ASTM D 1177)	-33
pH (ASTM D 1287),	9.3 +/- 2
Reserve Alkalinity (ASTM D 1121), as received	6.1
Silicate, % (as Anhydrous Alkali Metasilicate)	0.045