

FX- MOTOCOOL

Extended Life Engine Coolant Concentrate for 1:3 Dilution

Part No. C134

General DESCRIPTION

FX MOTOCOOL is an aqueous coolant concentrate which is corrosion inhibited for multi-metal cavitation protection. It is compatible for all latest model vehicles, including, petrol, diesel and heavy duty diesel applications.

The inhibitor package is designed to protect brass, copper, solder, steel, cast iron, aluminum alloys and other components such as rubber hoses, gaskets, rubber seals, plastic components etc., that are commonly found in the engine radiator.

The Coolant is Low silicate, borate free, NAP free to meet the:-

- United States' standard requirement for nitrite and amine free;
- European standard requirement for phosphate free and;
- Japanese standard requirement for low silicate.

Apart from the inhibitor package, the coolant comprises of other performance additives such as:-

- FOAMLOC® Antifoaming additive
- COOL THICK® Lubricity/viscosity enhancing additive
- OLIN® Hard water tolerant additive
- ALSTACIDE® Coolant preservative
- COOL GLO Dye for leak detection

The coolant operational life is 90,000km or 5 years (whichever comes first).

Available Colors

The coolant is available in following



ASTM Standards

FX MOTOCOOL meets or exceeds the following ASTM standards for corrosion protection:-

- ASTM D 1384 for glassware corrosion testing
- ASTM D 4340 for cast aluminum alloy corrosion test under heat rejected condition
- ASTM D 2570 for simulated service corrosion testing
- ASTM D 2809 for testing cavitation erosion corrosion in aluminum water pumps

Product Information

PHYSIO-CHEMICAL Data

Properties	Method	Typical Value
Form	Visual	Viscous Liquid
Inhibitor package	-	2.4% (min.)
Viscosity	ASTM D 1287	20 - 22cps
pH (in dilution)	ASTM D 1287	7.5 to 8.5
Reserve Alkalinity	ASTM D 1121	10ml - 12ml
Ash content	ASTM D 1119	0.01% (max.)
Aluminum corrosion by heat transfer	ASTM D 4340	0.2mg/cm²/week
Aluminum Corrosion (weight loss)	ASTM D 1384	0.05mg/cm²/week
Copper Corrosion (weight loss)	ASTM D 1384	0.05mg/cm²/week
Welding Corrosion (weight loss)	ASTM D 1384	0.05mg/cm²/week
Brass Corrosion (weight loss)	ASTM D 1384	0.05mg/cm²/week
Steel Corrosion (weight loss)	ASTM D 1384	0.02mg/cm²/week
Cast Iron Corrosion (weight loss)	ASTM D 1384	0.02mg/cm²/week

DOSAGE Method

The above data have been obtained in laboratory tests by CSL/client sponsored and are typical of the product. They do not however constitute sales specifications and should not be regarded as such.

Prior to dosing of new coolant, make sure to drain and flush previous used coolant according to the instructions provided by the engine manufacturer or OEM. For best results flush out with Fx's Radiator flush-out chemical.

Dilute FX MOTOCOOL with 3 parts water and dose to the engine radiator. It is best advised to follow the owner's manual for seeing step by step method for replacing or adding coolant.

BENEFITS

Water quality should be most ideally demineralized water or reverse osmosis water; Else, tap water may be used with maximum total hardness of 750ppm as CaCO₃; maximum 2ppm as iron and maximum 5ppm as Silica

- Prevents corrosion
- Non-foaming - reduce nucleate and hot spot boiling
- Long shelf life due to added preservative
- Compatible with hoses and rubber fittings
- Non aggressive to water pump seals as is often the case with silicate based coolants

Product Information

- High stability, performance does not diminish with time
- Does not cause scaling with hard water
- Eliminates the need for Supplemental coolant additive (SCA)
- NAP free - Nitrite, Amine and Phosphate free
- Viscosity reduces when diluted and dosed in the system

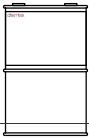



Handling MEASURES & PRECAUTIONS

Proper human safety products such as Splash goggles, lab coat, vapor respirator, gloves and boots should be worn while handling and applying chemicals. Splashes on skin should be washed off with water immediately. In case of splashing into the eyes, flush it with fresh water and obtain medical attention. Should not be injected.

Shelf Life

24months from the date of manufacturing

Part numbers for placing order

Color	210ltr drum 	50ltr jar 	5ltr jar (4jars per case) 	1ltr jar (4jars per case) 
Colorless	C134-N-210	C134-N-50	C134-N-5x4	C134-N-1x12
Intense Green	C134-IG-210	C134-IG-50	C134-IG-5x4	C134-IG-1x12
Fluorescent Green	C134-G-210	C134-G-50	C134-G-5x4	C134-G-1x12
Blue	C134-P-210	C134-P-50	C134-P-5x4	C134-P-1x12
Red	C134-R-210	C134-R-50	C134-R-5x4	C134-R-1x12
Pink	C134-P-210	C134-P-50	C134-P-5x4	C134-P-1x12