



FS CG 4708-10: AQUEOUS Rust Preventative

FS CG 4708-10 is an aqueous rust preventative used to impart short term indoor corrosion protection on metal parts, tanks, equipment, and machine tool surfaces. FS CG 4708-10 does not contain any nitrates, nitrites, silicates, borates, phenols, anti-foam additives, or heavy metals, and the product may be diluted further with water depending on the need and the application.

Usage: Short Term Indoor Protection/ Metalworking Fluid Additive:

FS CG 4708-10 provides excellent short-term protection against rust for metal parts/surfaces that are to be stored indoors (1-2 months in climate controlled atmospheres). The residue imparted by FS CG 4708-10 is such that the film is barely perceptible. This makes an excellent coating for work-in-progress protection, since FS CG 4708-10 will not affect coolant systems once the parts are re-introduced for secondary operations. Recommended dilutions with water are **2:1 to 10:1**, depending on the residue desired and the amount of indoor protection required.

Additionally, FS CG 4708-10 may be used as a short term “spike” for metalworking coolants that may be having issues with rust. Simply add the product tank-side (**5:1**), to increase the alkalinity of the coolant and enhance the rust protection qualities. As FS CG 4708-10 is low foaming and highly compatible with most coolants, it makes for an excellent short-term fix until the coolant system can be pumped, cleaned, and properly recharged with good coolant.

TYPICAL PHYSICAL PROPERTIES

Fluid Type:	Rust Preventative/Water Dilutable
Concentrate Ref Index:	13.5
Color:	Clear-Golden Amber
Specific Gravity:	1.0-1.2
pH @ 20:1 Dilution:	9.1
Odor Diluted:	Mild
Residue:	Imperceptible
Metal Compatibility:	Compatible with all metals, ferrous and non-ferrous
VOC Value:	<10

DILUTION INFORMATION

5:1	Refractive Index:	2.4	pH: 9.5	Residue: Slight Film
10:1	Refractive Index	1.3	pH: 9.1	Residue: Slight Film
15:1	Refractive Index:	0.8	pH: 9.1	Residue: Slight Film

STORAGE/ MIXING: FS CG 4708-10 should be stored at room temperatures (between 55-90 deg. F). Should FS CG 4708-10 be exposed to temperatures out of this range, the rust preventative concentrate needs to be mixed well prior to use. Product may become unstable/split, if exposed to extreme temperatures. Always add concentrates to water while mixing or run concentrates through a proportioning unit.

HEALTH AND SAFETY: Refer to Safety Data Sheet for more information.

Warranty: Because conditions of use are beyond our control no representation or warranty is made in connection with the use of this product. Technical information and recommendations are believed to be accurate but are not guaranteed. April 2019 R: Product Tech Letterhead 2015/FS CG 4708-10