

CT LFRP

WATER BASED LOW FILM RUST PREVENTATIVE

▷ PRODUCT DESCRIPTION

CT LFRP is a water soluble, volatile rust preventive that provides short-term, indoor rust protection to ferrous surfaces. CT LFRP can be used in final stage rinse water for washer applications to eliminate flash rust that can occur when water alone is used to rinse with. CT LFRP is also compatible in a wide range of water hardness and will maintain a clear dilution which makes it an ideal choice for leak detection test baths in which visual clarity is critical.

CT LFRP forms a nearly imperceptible film on machine parts for excellent corrosion protection without forming a sticky residue. CT LFRP deposits a thin indiscernible film that when applied and handled properly, will give excellent inside rust protection on ferrous surfaces with the benefits listed below.

▷ FEATURED BENEFITS

- Protects against flash rust and compatible with paint
- Low applied cost
- Fast drying – product or parts may be heated
- Elimination of fire hazards
- Elimination of hazardous fumes and odors

▷ APPROVALS

- Not compliant for California SCAQMD Rule 1144

APPLICATION



COMPATIBLE METALS

- Cast Iron
- Carbon Steel
- Tool Steel
- Stainless Steel





TYPICAL PROPERTIES

Fluid Type	Synthetic
Appearance	Clear transparent liquid
Odor	Mild, slight amine
Specific Gravity, 77°F (25°C)	1.01
Weight, 60°F (15.6°C)	8.45 lbs/gal.
pH (5% dilution)	11.3
Solubility in Water	Complete
VOC, ASTM 1868	256.0 grams/liter

PRODUCT APPLICATION / USAGE

CT LFRP may be used in spray washers, dip tanks, rinse tanks, and ultra-sonic or vibratory systems. CT LFRP may also be used in leak detection tanks in which fluid clarity is critical. CT LFRP water based volatile corrosion inhibitor is intended to be mixed with water at dilution ranges from 1% to 4%.

MIXING DATA

Concentration control is easily maintained with the hand held refractometer or Chemtool's Titration Kit.

Concentration	10%	5%	4%	3%	2%	1%
Alkalinity (factor = 0.2) Titration Test Kit (# drops 0.5 N HCl)	50	25	20	15	10	5
Refractometer Reading (factor = 5.0)	2.0	1.0	0.8	0.6	0.4	0.2

PRODUCT CODE

5205000000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).