

Additive Calcium Liquid *(Coolant Additive: Water Stabilizer)*

FEATURES

- Compatible with Water Systems
- Excellent for High Pressure Systems
- Highly Dilatable
- Non-Hazardous
- Non-Irritating
- Non-Toxic

GENERAL DESCRIPTION

Additive Calcium Liquid, when added to a water supply, replaces the natural minerals absent from some water sources. It stabilizes the water to a neutral pH and replaces the natural balance of useful minerals. Additive Calcium Liquid reduces foam and improves lubricity for many coolants. When used in conjunction with R.O. (Reverse Osmosis), D.I. (Deionization) type water purification systems, it prevents the usual buildup of minerals and increased concentrate usage associated with powdered or dry calcium acetate. Additive Calcium Liquid is easy to use, safe and very effective for most coolants.

APPLICATIONS

Primary		Secondary
High-Agitation Systems	High-Pressure Systems	Parts Washers
Water Purification Systems		

INSTRUCTIONS

Additive Calcium Liquid should be added to water before the water is used to mix coolant and after any water purification systems. For soft or low mineral water please consult your local Hangsterfer's Regional Manager for the proper dosage. For use with a water purification system, as much as 60 PPM addition may be recommended. To add to a 19L or 5G pail, calculate the amount of coolant needed, measure the Additive Calcium Liquid with a standard measure cup, add to the water, stir, then add the coolant concentrate as needed.

If Additive Calcium Liquid is added to a coolant sump please follow the recommendations below. Add 20 to 60 PPM very slowly to a coolant sump in a very turbulent area to ensure even distribution / mixing. Additive Calcium Liquid has minimal influence on the coolant's physical or chemical characteristics when used as directed. As with any additive, it should be tested in an isolated process to assure that it does not influence any secondary processes.

CONDITION	CONCENTRATION	
	Approximate PPM g/L	RATIO
Soft Water / Natural	40 PPM 0.4 g/L	1/2 oz. per 100 gallons 1.0 ml per 190L
Soft Water / Softener	20 PPM 0.2 g/L	1/4 oz. per 100 gallons 0.5 ml per 190L
Reverse Osmosis / Deionization	60 PPM 0.6 g/L	1.25 oz. per 150 gallons 7.125 ml per 570L

MAINTENANCE

No maintenance is necessary. Additive Calcium Liquid should be kept indoors and protected from freezing. When not in use keep the container closed to prevent foreign materials from entering the container.

PRODUCT CHARACTERISTICS

Product Name: Additive Calcium Liquid	
Form	Liquid
Color	Blue
Odor	Mild
Specific Gravity	1.13
Viscosity: SUS @ 100°F	N/A
cSt @ 40°C	N/A
Flash Point, COC, °F/°C	N/A
Fire Point, COC, °F/°C	N/A
Pour Point, °F/°C	32 / 0
Solubility in Water	100%
Boiling Point, °F/°C	212 / 100
Vapor Pressure, mm Hg @ 25°	<0.1
pH @ 10%	8.1

WASTE TREATMENT

Dispose of in accordance with local, state, federal and international laws.

SHIPPING UNITS

All Hangsterfer's products are available in pails, drums and Intermediate Bulk Containers (275 or 330 gallons). All products are distributed worldwide.

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