



# NOBURST® LC

## -100° Antifreeze & Heat Transfer Fluid

### Product Description

Noburst LC is a non-toxic inhibited propylene glycol antifreeze with burst protection to -100°F. It safely winterizes all fresh water systems. NOBURST LC is non-injurious, tasteless and odorless. NOBURST LC is recommended for use in residential homes and recreational vehicles.



### Applications:

- Travel trailers
- Campers
- Motor homes
- Boats
- Swimming pool filter systems
- Vacation homes
- Sprinkler systems
- Heating and cooling systems
- Any seasonal units with a water system

### System Protection:

#### Protection Description

Freeze is the temperature where the first ice crystal forms in the fluid. Burst is the temperature where the fluid is solid, expanding and bursting the vessel.

Water	NOBURST LC	Freeze Point	Burst Point
0%	100%	-50°F	-100°F
50%	50%	+10°F	-50°F
60%	40%	+15°F	0°F



### Sizes:

NOBURST LC is available in:

- 5-gallon plastic pails
- 30-gallon plastic drums
- 55-gallon plastic drums
- 275-gallon plastic totes
- 5000-gallon tank trucks

# **NOBURST<sup>®</sup> LC**

**-100° Antifreeze & Heat Transfer Fluid**

## **Installation:**

No matter what type of system or equipment NOBURST LC is to be used in, several key steps are the same.

1. Clean the system. Minerals, scale, rust and sediment can shorten the life of your system, reduce NOBURST's effectiveness and reduce heat transfer efficiency.

Drain the system completely. Flush with clean fresh water, add NOBURST Pre-Cleaner. Add 1 pint for every 50 gallons of system capacity. Then run the system up to operating temperature. Allow Pre-Cleaner to circulate for 24 hours to 1 week. Drain and flush with clean water.

Check the system for leaks and repair any that are found. NOBURST LC may leak through some mechanical connections that do not leak with water. This is because of the viscosity of propylene glycol and water.

2. Measure total capacity of the system including the piping, tanks, boiler, collector plates, etc. The most accurate method of measuring fluid capacity is to fill the system and then completely drain it, volumetrically measuring the fluid drained.

Piping fluid capacity may be estimated using the pipe capacity chart on our website. Boiler and tank capacity must be obtained from the manufacturer of the equipment. Be sure all piping, collectors, and thermal expansion are accounted for in your estimates.

3. Determine the low temperature protection needed and the corresponding NOBURST LC concentration to use. Calculate the number of gallons of NOBURST LC to add to the system.  
**ALLOW FOR ESTIMATE ERRORS WHEN DETERMINING THE AMOUNT OF NOBURST LC TO USE.**

## **System Requirements, Limitations & Cautions:**

See MSDS and Applications.