

# ORISON

## IceClear® HD-EXTENDER



IceClear® HD-Extender is a premier, OAT Type, corrosion inhibitor package designed specifically for use with IceClear® HD Glycerin Antifreeze/Coolant. Used as directed, this product will replenish the necessary inhibitors to provide extended protection to automotive cooling systems utilizing IceClear® HD, allowing fewer coolant change intervals\*.

### Directions

Add 8 oz. of IceClear® HD Extender for every 2 gallons of coolant system capacity every 100,000 miles/12 months, or if inhibitor level in system shows 7000ppm or below, whichever comes first.

### FLUID TESTING

IceClear® HD-Extender is for use with IceClear® HD, a glycerin based product. Inhibitor levels can be quickly be determined by a strip tester available from Orison, or more accurately by lab analysis. Do not use glycol testers to determine inhibitor levels or freeze point protection.

### WHAT ABOUT MIXING WITH OTHER FLUIDS

Use with only IceClear® HD. This product is designed for those who desire to implement a green alternative and have complete control of the cooling systems, including top off. Although no negative effects are expected, mixing with other coolants/antifreeze is not recommended due to varying physical properties of the freeze point depressants and corrosion inhibitor technologies which leads to difficulties determining actual freeze point protection and corrosion inhibition.

### ADVANTAGES

OAT Type  
Extends Coolant Life  
Low Freeze Point  
No Nitrites  
No Glycols  
No Molybdates  
No Phosphates  
Non-Hazardous  
Non-Flammable

### Typical Properties

· Color	Orange Liquid
· Odor	None
· pH	7.5-9.5
· Water Solubility	100%
· Specific Gravity	1.155
· Viscosity @ 20°C (cSt)	@4.0
· Freeze Point	@20°F
· Boiling Point	@219°F

\*(follow maintenance directions for IceClear® HD)

US Patents

One or more claims 5,876,621; 5,980,774; 6,506,318; 6,890,451; 7,270,768 and issued and pending continuations thereof.

HMIS	
HEALTH	1
FLAMMABILITY	0
INSTABILITY	0
SPECIFIC	0

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