

# ORISON

## BioTherm Fluids® HD-EXTENDER

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



### Directions

Add 8 oz. of BioTherm Fluids® HD Extender for every 2 gallons of coolant system capacity every 100,000 miles/12 months, or if Nitrite level in system shows 800ppm or below, whichever comes first.

\*(follow maintenance directions for BioTherm Fluids® HD)

### FLUID TESTING

BioTherm Fluids® HD-Extender is for use with BioTherm Fluids® HD, a glycerin based coolant. Inhibitor levels can be quickly be determined by a test strip 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 BioTherm Fluids® 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.

**ADVANTAGES**  
Hybrid Package  
Extends Coolant Life  
No Glycols  
No Molybdates  
No Phosphates  
Non-Hazardous  
Non-Flammable

### Typical Properties

• Color	Pale Yellow
• Odor	None
• pH	10-12.5
• Water Solubility	100%
• Specific Gravity	1.13
• Viscosity @20°C (cSt)	@4.0
• Freeze Point	@32°F
• Boiling Point	@212°F

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HMIS	
HEALTH	1
FLAMMABILITY	0
INSTABILITY	0
SPECIFIC	0

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