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# Product Data Sheet



**NOTE:** The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of May 13, 2002.

## SYNTHETIC HEAT TRANSFER FLUIDS

### HT Sonic Oil with Cuvan

*Summit HT Sonic Oil with Cuvan was designed to meet the tough thermal demands placed on high temperature heat transfer mediums. HT Sonic Oil is inhibited against H<sub>2</sub>S corrosion. The synthetic hydrocarbon base stock is well suited to combat the problems of carbon formation on heated surfaces and decreased fluid life as is commonly encountered with conventional petroleum-based fluids without exhibiting the hazardous characteristics found in aromatic heat transfer fluids. The additional benefits of an extremely low vapor pressure and sub-zero pour points allow for increased efficiency while reducing pressure build-up and evaporation losses.*

### Physical Properties

PRODUCTS	200HT
Operating Temperature Range	0 to 575°F
Viscosity	
@ 0°F, cSt	812
@ 100°F, cSt	31.85
@ 210°F, cSt	5.67
Flash Point, °F (°C)	460 (238)
Fire Point, °F (°C)	520 (271)
Autoignition Temperature, °F (°C)	670 (354)
Pour Point, °F (°C)	-90 (-68)
Vapor Pressure, mm Hg	
300°F	.7
400°F	3.8
500°F	14
600°F	55
700°F	---
Thermal Conductivity, BTU/Hr Ft °F	
300°F	.085
400°F	.083
500°F	.081
Boiling Range, ASTM D1160	
10%	798°F
90%	950°F