

SolarTherm

HEAT TRANSFER FLUID

DESCRIPTION

SolarTherm heat transfer fluid is an inhibited propylene glycol designed for use in solar panel system. The inhibitor system is designed to protect metals commonly found in mechanical systems such as brass, copper, solder, steel, and cast iron. **SolarTherm** heat transfer fluid has been formulated with ingredients that are generally recognized as safe by the FDA for use as an aqueous heat transfer medium for closed primary and secondary water systems.

FEEDING AND CONTROL

SolarTherm concentrate is 50%. This provides freeze protection up to -30F. Other freeze points for various solutions are:

Temperature		Concentration Required Freeze Protection Volume %
°C	°F	
-7	20	18
-12	10	27
-18	0	34
-23	-10	41
-29	-20	46
-34	-30	50
-40	-40	54
-46	-50	57
-51	-60	60

Caution: These numbers represent typical values and are not to be regarded as specifications. The manufacturer does not guarantee results from use of the information or products herein; and gives no warranty, express or implied

TYPICAL CHARACTERISTICS

Color.....Pink liquid
 Density.....8.7 lbs./gal.
 Flash Point.....None
 Fragrance.....Typical Glycol
 pH(undiluted).....8.5-10

PACKAGING

SolarTherm is packaged in 250 gallon tote tanks, 55, 30 and 15 gallon, non-returnable plastic drums. Other packaging is available on request.