

PRODUCT INFORMATION



CITGO Hytherm Plus 32

DESCRIPTION:

CITGO Hytherm Plus 32 is a premium quality heat transfer fluid formulated with high VI paraffinic white mineral oil base stocks, a special high temperature corrosion and oxidation inhibitor package, and a special high temperature detergent /dispersant additive package.

QUALITIES:

CITGO Hytherm Plus 32 is formulated to keep the heat transfer system clean and operating at peak performance. Its exceptionally long service life is due to the excellent thermal and oxidative stability of its unique white mineral oil base.

CITGO Hytherm Plus 32 is fully inhibited against high temperature oxidation, rust and corrosion, and employs a special high temperature detergent /dispersant additive package. Therefore, it is highly resistant to harmful sludge deposits and varnish formation.

CITGO Hytherm Plus 32 provides high specific heat and good thermal conductivity at all temperatures for highly efficient heat transfer.

APPLICATIONS:

CITGO Hytherm Plus 32 was developed to meet the exacting requirements of both open and closed heat transfer systems, at temperatures up to 350°F open and 600°F closed.

Hytherm Plus 32 PHYSICAL DATA

Temperature °F	Specific Gravity	Specific Heat BTU/lb/°F	Thermal Conductivity BTU/hr ft °F	Viscosity cSt
60	0.860	0.447	0.0774	113.34
100	0.846	0.467	0.0772	35.25
200	0.813	0.515	0.0748	6.178
300	0.781	0.568	0.0724	2.405
400	0.750	0.612	0.0701	1.328
500	0.720	0.660	0.0677	0.8679
600	0.690	0.709	0.0654	0.6217

CITGO Hytherm Plus 32

Typical Properties	ASTM Test Method	
Iso Vis Grade		32
Material Code		-----
Gravity, °API	D 287	33.0
Pounds per gallon		7.16
Flash Point, °F	D 92	400
Viscosity, cSt	D 445	
@ 40°C		32
@ 100°C		5.36
Viscosity Index	D 2270	100
Pour Point, °F	D 97	10
Color, ASTM	D 1500	L0.5
Acid Number, mg KOH/g	D 974	<0.01
Volume Factor, % per °F		0.033
Distillation, °F	D 2887	
IBP		600
5%		675
10%		725
50%		825
95%		950