



AMERILUBE

ADVANCED TECHNOLOGY LUBRICANTS

AMERITEMP

SUPER PREMIUM SYNTHETIC
HEAT TRANSFER FLUID

American Synthol, Inc.

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AMERITEMP - HEAT TRANSFER FLUID

AMERITEMP HEAT TRANSFER FLUIDS are made with the finest thermally and oxidatively stable synthetic base fluids. They are further enhanced with proprietary additives that greatly extend their life over normal synthetic fluids and provide for even higher operating temperatures in both open and closed systems.

AMERITEMP HEAT TRANSFER FLUIDS are NONTOXIC and NONHAZARDOUS and do not form carbon in most applications.

Typical Properties

Lubricant Designation	TEST METHOD	32	68	100
Grade		32	68	100
Density @60 °F	D1298	0.840	0.865	0.865
Color	D1500	0.5	0.5	0.5
Flash Point °F	D92	430	470	512
Fire Point °F	D92	460	518	559
Autoignition Temp, °F	E659	682	724	774
Viscosity cSt @ 100 °F	D445	33	68	100
Viscosity cSt @ 200 °F	D445	5.3	8.9	11.5
Viscosity cSt @ 500 °F	D445	.82	1.21	1.45
Viscosity cSt @ 600 °F	D445	0.7	0.8	0.9
Sulphur Content, % mass	X-RAY	<0.01	<0.01	<0.01
Carbon Residue, % mass	D189A	0.01	0.01	0.01
Cu Strip Corrosion	D130	1a	1a	1a
Vapor Pressure, psi @400 °F	D2879	0.063	0.050	0.040
Vapor Pressure, psi @500 °F	D2879	0.39	0.30	0.21
Vapor Pressure, psi @600 °F	D2879	1.66	1.30	1.11
Vapor Pressure, psi @700 °F	D2879	7.55	5.80	4.41
Distillation Range, °F 10%	D2887	768	770	771
Distillation Range, °F 90%	D2887	945	955	968
Thermal Conductivity BTU / hr, °F. ft. @ 500°F		.076		
Heat Capacity / Specific Heat BTU / lb. °F @ 500 °F		.66		
Density lb/cu ft. @ 500°F		43.2		
Coeff of Thermal Expansion % / °F		.0562		
Viscosity @ 500 °F cp		.56		