



AMERILUBE

ADVANCED TECHNOLOGY LUBRICANTS

AMERITEMP FG

**SUPER PREMIUM FOOD GRADE
SYNTHETIC HEAT TRANSFER FLUID**

American Synthol, Inc.

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FOOD GRADE HEAT TRANSFER FLUID

AMERITEMP FOOD GRADE HEAT TRANSFER FLUIDS are made with the finest Food Grade thermally and oxidatively stable base fluids. They are further enhanced with proprietary food grade approved additives that greatly extend their life over normal synthetic fluids and provide for even higher operating temperatures in both open and closed systems. They are approved by the USDA for H-1 applications (Lubricants with incidental food contact). They fully comply with the requirements of FDA 178.3570. AMERITEMP FOOD GRADE HEAT TRANSFER FLUIDS are NON-TOXIC and NON-HAZARDOUS and do not form carbon in most applications.

Typical Properties

Lubricant Designation	TEST METHOD	FG 32	FG 68	FG 100
Grade		FG 32	FG 68	FG 100
Density @60 °F	D1298	0.840	0.865	0.865
Color	D1500	<0.5	<0.5	<0.5
Flash Point °F	D92	435	466	515
Fire Point °F	D92	465	510	562
Autoignition Temp, °F	E659	688	720	779
Viscosity cSt @ 100 °F	D445	34	69	105
Viscosity cSt @ 200 °F	D445	5.2	8.95	11.7
Viscosity cSt @ 600 °F	D445	0.69	0.8	0.82
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 @100 °F	D2879	0.095	0.060	0.040
Vapor Pressure, psi @500 °F	D2879	0.55	0.35	0.030
Vapor Pressure, psi @600 °F	D2879	2.20	1.55	1.25
Distillation Range, °F 10%	D2887	695	722	735
Distillation Range, °F 90%	D2887	900	938	951