

PRODUCT INFORMATION

ECOSE® HEAT TRANSFER FLUIDS

ECOSE® Heat Transfer Fluids are made with select mineral type oils with specialized components to improve performance in industrial heat transfer systems. They are very stable and maintain very good heat transfer properties for very long fluid life.

FEATUES AND BENEFITS:

- Very good heat transfer qualities
- Excellent resistance to thermal decomposition and coking
- Excellent resistance to oxidation and deposit formation
- Low volatility to help prevent vapor lock
- Non-toxic, non-corrosive
- Low odor, very good seal compatibility

APPLICATIONS:

ECOSE® Heat Transfer Fluids are intended for either direct or indirect transfer systems and can be used in open systems with expansion tank temperatures up to 365°F and in closed systems with expansion tank temperatures up to 600°F. Consult manufacturer or installer guidelines for appropriate grade.

Typical Properties

ISO Grade		22	32	46	68	100
Product Code	Test Method	537101	537102	537106	537107	537108
Viscosity, cSt @ 40°C	ASTM D-445	21	28	44	64	97
Viscosity, cSt @ 100°C	ASTM D-445	4.1	5.1	6.6	8.5	14.3
Viscosity Index	Calculated	95	95+	95+	95+	95
Flash Point, COC, °F(°C)	ASTM D-92	385(196)	415(213)	435(224)	455(235)	475(246)
Aniline Point, °F(°C)		212(100)	218(103)	220(104)	230(110)	230(110)
API Gravity, 60°F	ASTM D-4052	33.5	32.5	31.5	30.5	29.5
Specific Gravity @ 60°F		0.858	0.863	0.868	0.874	0.879
Density, Lbs/gal.		7.14	7.18	7.23	7.27	7.32

AVAILABILITY:

ECOSE® Heat Transfer Fluids are available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.