

PRODUCT INFORMATION



Powers-All Heat Transfer Oil

DESCRIPTION: Powers-All Heat Transfer Oil is made with select mineral type oils with specialized components to improve performance in industrial heat transfer systems. They are extremely stable and maintain good heat transfer properties for long fluid life.

- FEATURES:**
- 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

APPLICATION: Powers-All Heat Transfer Oil is intended for either direct or indirect transfer systems and can be used in open systems with expansion tank temperatures up to 350°F and in closed systems with expansion tank temperatures up to 600°F. Consult manufacturer or installer guidelines for appropriate grade.

TYPICAL PROPERTIES:

Powers-All Heat Transfer Oil

ISO Grade		22	32	46	68	100
Product Code	Test Method	PA337101	PA337102	PA337106	PA337107	PA337108
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

**Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer's recommendation for proper equipment operating requirements.*



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