



UNIVERSAL ALCOR 628 HEAT TRANSFER OIL

Universal Alcor 628 Heat Transfer Oils are specially refined non-corrosive, non-toxic, odorless heat transfer oils which provide superior heat absorption and exhibit outstanding thermal stability and oxidation resistance at constant high operating temperatures. Formulated from selected petroleum stock and additives, these oils provide reduced oxidation essential for even distribution and rapid heating, making them ideal for low atmospheric temperature work. Superior thermal stability resists deterioration and cracking, even in systems with fluid temperatures above 500°F.

Universal Alcor 628 Heat Transfer Oils are non-corrosive to steel, stainless steel, iron, aluminum and copper systems and are recommended for all fluid heat transfer systems, both open and closed.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>ISO 32</u>	<u>ISO 68</u>	<u>ISO 100</u>
Viscosity @ 40°C, cSt	D445	32.0	68.0	100.0
Viscosity @ 100°C, cSt	D445	5.50	8.8	12.00
Viscosity Index	D2270	108	101	110
Flash Point, COC, °C (°F)	D92	213 (415)	230 (450)	249 (480)
Pour Point, °C (°F)	D97	-15 (5)	-15 (5)	-15 (5)
Color	D1500	6.0	6.0	6.0
Gravity, °API	D287	31.3	29.5	28.2
Copper Strip Corrosion(212°F)	D130	Neg	Neg	Neg
Continental Oxidation Tests:				
72 hr Sludge, mg.		43	43	43
Viscosity increase, %		6	6	6

Designed for use in **CLOSED (ISO #32)** and **OPEN (ISO #100)** heat transfer systems, such as those found in asphalt plants, chemical plants and other processing plants where jacketed kettles are heated.