



Alcor 628 Heat Transfer Oil

Dyna-Plex 21C® 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.

Dyna-Plex 21C 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	D-445	32.0	68.0	100.0
Viscosity @ 100°C, cSt	D-445	5.50	8.8	12.00
Viscosity Index	D-2270	108	101	110
Flash Point, COC, °C (°F)	D-92	213 (415)	230 (450)	249 (480)
Pour Point, °C (°F)	D-97	-15 (5)	-15 (5)	-15 (5)
Color	D-1500	6.0	6.0	6.0
Gravity, °API	D-287	31.3	29.5	28.2
Copper Strip Corrosion (212°F)	D-130	Neg	Neg	Neg
Continental Oxidation Tests:				
72 hour 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.