

UNITED SYN EPSILON HEAT TRANSFER

Product Description

Fully Synthetic Heat Transfer Oil designed to deliver outstanding and extended service life across a variety of applications. This product is blended from high natural viscosity index fully synthetic base oils and fortified with advanced oxidation inhibitors to enhance high-temperature performance and stability, significantly prolonging its service lifespan. It is resistant to oxidation even at very high temperature thus minimizes degradation, giving this fluid a longer usable life and minimizing deposit formation that can be inhibit efficient heat transfer.

This product is suitable for use in both open systems and inert gas-blanketed closed heat transfer systems. In open systems, it should not be used at temperatures exceeding 160 °C, while in closed systems, the maximum operating temperature is 320 °C.

Applications / Benefits

- * Blended with naturally high VI synthetic base oils
- * Contains high temperature oxidation inhibitors
- * Minimizes deposit formation
- * Longer fluid life

Typical Characteristics

Test Description	Method	Unit	ISO 22	ISO 32	ISO 46	ISO 68
ISO Viscosity Grade	-	-				
Density @ 15 °C	ASTM D 4052	kg/L	0.8450	0.8479	0.8513	0.8515
Flash Point	ASTM D 92	°C	192	210	228	232
Pour Point	ASTM D 97	°C	-18	-18	-18	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	22.45	33.66	46.06	68.68
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	4.772	6.127	7.5	10.65
Viscosity Index	ASTM D 2270	-	128	131	132	144

Specifications and Recommendations

- * CLASSIFIED AS ISO 6743-12 FAMILY Q
- * MEETS TYPICALLY DIN 51522 REQUIREMENTS

Reference No.
6516G3EPSILONREV0

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