

UNITED HYDRO EPSILON HEAT TRANSFER

Product Description

Hydrotreated Heat Transfer Oil designed to give outstanding service in a variety of applications. This product is blended from highly refined hydro-treated base oil and fortified with oxidation inhibitors to enhance high temperature performance and stability. It is resistant to oxidation and high temperature degradation, giving this fluid a longer lifespan and minimizing deposit formation that can inhibit efficient heat transfer.

Heat Transfer Oil may be used in both open and inert gas blanketed close heat transfer systems. The maximum temperature for use in an open system shall not exceed 150°C at the point where the oil is exposed to the air. In closed, inert gas blanketed systems, it can be used up to 320°C.

Applications / Benefits

- * Blended with naturally high VI base oils
- * Resists high temperature degradation
- * Minimizes deposit formation
- * Long fluid life

Typical Characteristics

Test Description	Method	Unit				
ISO Viscosity Grade	-	-	ISO 22	ISO 32	ISO 46	ISO 68
Density @ 15 °C	ASTM D 4052	kg/L	0.8496	0.8552	0.8632	0.8665
Flash Point	ASTM D 92	°C	192	216	220	230
Pour Point	ASTM D 97	°C	-18	-18	-15	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	20.6	31.6	45.7	66.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	4.2	5.6	6.9	8.9
Viscosity Index	ASTM D 2270	-	111	114	108	109

Typical Characteristics

Test Description	Method	Unit		
ISO Viscosity Grade	-	-	ISO 100	ISO 150
Density @ 15 °C	ASTM D 4052	kg/L	0.8760	0.8844
Flash Point	ASTM D 92	°C	244	248
Pour Point	ASTM D 97	°C	-15	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	96.1	154.6
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.0	15.3
Viscosity Index	ASTM D 2270	-	98	99

Specifications and Approvals

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

Reference No.
9292G2HTOREV1

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