

# **UNITED HYDRO MAX EPSILON HEAT TRANSFER**

### **Product Description**

Hydrotreated Heat Transfer Oil specially formulated industrial grade lubricant for use as a heat transfer oil. It is formulated using highly refined hydrotreated base oils combined with advanced additive technology. This formulation enhances system cleanliness and helps prevent carbon deposits that can obstruct pipelines. Furthermore, the high-quality base oil offers excellent oxidation resistance, ensuring reliable and long-lasting performance.

#### **Applications / Benefits**

- \* Excellent thermal stability and strong resistance to oxidation
- Extended service life with superior system cleanliness
- Offers an efficient heat transfer coefficient
- \* Features low vapour pressure for enhanced operational safety

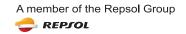
#### **Typical Characteristics**

Test Description	Method	Unit				
ISO Viscosity Grade	-	=	ISO 22	ISO 32	ISO 46	ISO 68
Density @ 15 °C	<b>ASTM D 4052</b>	kg/L	0.8481	0.858	0.8638	0.8697
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	22	32	46	68
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	4.43	5.59	7.01	8.93
Viscosity Index	<b>ASTM D 2270</b>	-	112	110	108	105

#### **Typical Characteristics**

Test Description	Method	Unit		
ISO Viscosity Grade	-	-	ISO 100	ISO 150
Density @ 15 °C	ASTM D 4052	kg/L	0.8755	0.8832
Flash Point	ASTM D 92	°C	244	248
Pour Point	ASTM D 97	°C	-15	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	100	150
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.3	14.9
Viscosity Index	ASTM D 2270	-	99	98





## **Specifications and Recommendations**

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

Reference No. Last revised date: 6516G2HEATEPSREV0 09-05-25