

HYDRO EPSILON HEAT TRANSFER OIL

United Hydro Epsilon Heat Transfer Oil is premium heat transfer oil designed to give outstanding service in a variety of applications. United Hydro Epsilon Heat Transfer Oil is blended from highly refined hydro-treated base oil and fortified with oxidation inhibitors to enhance high temperature performance and stability. United Hydro Epsilon Heat Transfer Oil is resistant to oxidation and high temperature degradation, giving this fluid a long usable life and minimizing deposit formation that can be inhibit efficient heat transfer.

United Hydro Epsilon 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 200°C at the point where the oil is exposed to the air. In closed, inert gas blanketed systems, United Epsilon Heat Transfer Oil can be used up to 320°C.

APPLICATIONS / BENEFITS

- Blended with naturally high VI base oils.
- Contains high temperature oxidation inhibitors.
- Minimizes deposit formation.
- Long fluid life.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS					
ISO Viscosity Grade		22	32	46	68	100	150
Specific Gravity @ 15 °C	ASTM D 4052	0.862	0.873	0.879	0.884	0.888	0.891
Flash Point, °C	ASTM D 92	195	220	225	228	230	240
Pour Point, °C	ASTM D 97	-21	-21	-18	-15	-12	-9
Kinematic Viscosity @40°C	ASTM D 445	22	32	46	68	100	150
@100°C	ASTM D 445	4.32	5.34	6.69	8.55	11.1	14.6
Viscosity Index	ASTM D 2270	102	98	97	97	96	96
Color	ASTM D 1500	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0