

**PROCESS OIL "HC"**

ISO Grades: 10, 22, 32, 46, 68, 100

**Product Description**

Process Oil "HC" displays outstanding stability and is designed to meet the demanding requirements as a matrix or an extender oil. They are characterized by bright/clear appearance with low deposit properties, rapid release of entrained air, relatively low pour points, oxidation resistance, and good anti-foam properties. These oils are poly aromatic-free with increased biodegradability. They are produced as highly refined hydrocracked base stocks.

**Applications**

- Utilized as plasticizers, carriers, diluents, and extenders in industrial material formulations and chemical processes.

**Typical Properties**

Property	ISO 10	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100
Color, ASTM D-1500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Appearance	Water Clear	Water Clear	Water Clear	Water Clear	Water Clear	Water Clear
Viscosity, cSt @ 40°C	10.2	21.5	31.71	46.5	67.2	98.8
Viscosity, cSt @ 100°C	2.6	4.2	5.3	6.8	8.6	10.9
Viscosity Index	77	100	100	99	98	95
Flash Point (COC), °F	345	395	400	415	425	450
Pour Point, °F	-33	0	0	+5	+5	+10
Neut. No., ASTM D 974	0.55	0.55	0.55	0.55	0.55	0.55
Gravity, API @ 60°F	31.7	34.4	33.1	32.4	31.6	31.0
Emulsion Test, ASTM D-1401	10 Min	10 Min	10 Min	10 Min	10 Min	10 Min
Dielectric Strength, ASTM D-877	35KV	35KV	35KV	35KV	35KV	35KV

\*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges