

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