

PROCESS OIL S

ISO Grades: 7, 15, 22, 32, 46

Product Description

The five grades of Process Oil S (Synthetic) display outstanding stability and are 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. They are produced with synthetic base stocks.

Applications

- These oils can be utilized as plasticizers, carriers, diluents, and extenders in industrial material formulations and chemical processes.

Typical Properties

Property	ISO 7	ISO 15	ISO 22	ISO 32	ISO 46
Color, ASTM D-1500	<0.5	<0.5	<0.5	<0.5	<0.5
Appearance	Water Clear	Water Clear	Water Clear	Water Clear	Water Clear
Viscosity, cSt @ 40°C	7.25	13.65	18.92	30.41	47.25
Viscosity, cSt @ 100°C	2.20	3.33	4.24	5.84	7.87
Viscosity Index	109	115	132	139	136
Flash Point (COC), °F	325	399	446	460	518
Pour Point, °F	-34	-13	-13	-9	-6
Neut. No., ASTM D 974	0.55	0.55	0.55	0.55	0.55
Gravity, API @ 60°F	40.1	39.0	38.9	37.9	36.6
Emulsion Test, ASTM D-1401	10 Min	10 Min	10 Min	10 Min	10 Min
Dielectric Strength, ASTM D-877	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.