PROCESS OIL P [HVI]

ISO Grades: 10 – 460

Product Description

Process Oil P are oils with good stability to meet requirements as a processing matrix or an extender oil. They are characterized by bright/clear to tan appearance with low deposit properties, rapid release of entrained air, and low pour points at the lower ISO viscosity grades. These materials consist of highly refined base oils produced from low sulfur paraffinic feedstocks. These oils can be utilized as plasticizers, carriers, diluents, and extenders in industrial material formulations and chemical processes.

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	ISO 150	ISO 220	ISO 320	ISO 460
Color, ASTM D-1500	<0.5	<0.5	<0.5	1.0	1.0	1.5	2.0	3.0	4.0	5.0
Appearance	Brt/ Clear	Brt/ Clear	Brt/ Clear	Clear	Yellow/ Clear	Yellow/ Clear	Yellow	Amber	Amber	Tan
Viscosity, cSt @ 40°C	10	22	32	46	68	100	150	220	320	460
Viscosity, cSt @ 100°C	2.6	4.2	5.2	6.5	8.4	10.7	14.1	18.1	23.1	29.1
Flash Point (COC), °F(°C)	360 (183)	390 (199)	430 (221)	440 (226)	460 (238)	520 (271)	540 (282)	550 (288)	565 (296)	580 (304)
Pour Point, °F(°C)	5(-15)	15(-9)	10(-12)	10(-12)	10(-12)	5(-15)	5(-15)	5(-15)	10(-12)	10(-12)
Neut. No., ASTM D 974	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
Gravity, API @ 60°F	34.5	33.0	31.5	30.0	29.5	29.2	29.0	28.5	27.0	26.5
Specific Gravity, 60°F	0.852	0.860	0.868	0.876	0.879	0.881	0.880	0.890	0.893	0.896

*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.