

PROCESS OIL N [LVI]

ISO Grades: 5 - 460

Product Description

Process Oil N are oils with good stability to meet requirements as a processing matrix or an extender oil. They are characterized by clear to tan appearance with low deposit properties, and low pour points throughout the viscosity grades. These materials consist of highly refined base oils produced from low sulfur naphthenic 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 5	ISO 10	ISO 22	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
Color, ASTM D-1500	<0.5	<1.0	<1.5	2.0	<2.0	2.0	2.5	3.0	3.5	4.0
Appearance	Clear	Clear	Clear	Yellow	Yellow	Amber	Amber	Amber	Amber	Tan
Viscosity, cSt @ 40°C	3.7	10	21	43	65	105	156	238	381	464
Viscosity, cSt @ 100°C	1.4	2.4	3.8	5.4	6.8	8.9	11.1	14.4	18.7	21.2
Flash Point (COC), °F(°C)	205(96)	298(148)	325(163)	360(182)	385(196)	400(204)	420(216)	455(235)	470(243)	510(266)
Pour Point, °F(°C)	-70(-57)	-55(-48)	-35(-37)	-30(-34)	-25(-32)	-15(-26)	-5(-21)	5(-15)	---	---
VGC, ASTM D-2501	0.87	0.87	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.90
Gravity, API @ 60°F	28.2	25.5	24.1	22.0	22.3	22.0	21.2	20.4	19.9	16.0

*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.