

**PROCESS OIL N [LVI]**  
**Grades [SUS@100°F]: 40 - 2400**  
**ISO GRADES: 5 - 460**

Typical Properties

<u>Grades: Vis. SUS @ 100°F</u>	40	60	100	200	300	500	750	1200	2000	2400
Approx. ISO Grade	5	10	22	46	68	100	150	220	320	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										
At 40° C	3.7	10	21	43	65	105	156	238	381	464
At 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) Deg °F(°C)	205(96)	298(148)	325(163)	360(182)	385(196)	400(204)	420(216)	455(235)	470(243)	510(266)
Pour Point, Deg °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
Specific Gravity, 60°/60°F	0.8860	0.9013	0.9094	0.9218	0.9200	0.9218	0.9267	0.9315	0.9346	0.9593

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.

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 thruout the viscosity grades. These materials consists of highly refined base oils produced from low sulfur naphthenic feedstocks. They oils can be utilized as plasticizers, carriers, diluents, and extenders in industrial material formulations and chemical processes.