



SUNOCO NAPHTHENIC PROCESS OIL 60

OVERVIEW

Sunoco Naphthenic Process Oil 60 is a severely hydrotreated naphthenic process oil. This premium product has a very low pour point, low odor, is very light in color and is highly resistant to discoloration.

FEATURES & BENEFITS

Sunoco Naphthenic Process Oil 60 has an excellent aniline point making it suitable for many processes and metalworking purposes. Its highly refined nature ensures excellent purity and its clear color will limit tinting of finished materials. Sunoco Naphthenic Process Oil 60 has a low odor for worker friendliness.

APPLICATIONS

Sunoco Naphthenic Process Oil 60 is used in compound blending, metalworking, manufacturing, rubber and tire production and other industrial processes.

TYPICAL PROPERTIES

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS MIN	SPECIFICATIONS MAX	TYPICAL VALUES
Physical Properties				
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161	50	65	60.3
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161			34.3
Viscosity, cSt at 40°C (104°F)	ASTM D445	7.0	12.0	9.6
Viscosity, cSt at 100°C (212°F)	ASTM D445		3.0	2.4
API Gravity, 60°F (15.6°C)	ASTM D1250			28.2
Specific Gravity, 60°F (15.6°C)	ASTM D4052			0.886
Viscosity-Gravity Constant	ASTM D2501			0.857
Density, lbs/gal at 60°F	ASTM D1250			7.381
Density at 15.6°C, g/cm ³	ASTM D1250			0.885
Molecular Weight	ASTM D2502			270
Flash Point, COC, °F (°C)	ASTM D92	295 (146)		308(153)
Flash Point, PMCC, °F (°C)	ASTM D93	275 (135)		289 (143)
Color, ASTM	ASTM D6045		.05	.01
Pour Point, °F (°C)	ASTM D5949		-45 (-43)	-68 (-56)
Water Content	ASTM D7546M	PASS	PASS	PASS
Appearance	ASTM D4176M	PASS	PASS	PASS
Chemical Properties				
Acid Number, mg KOH/g	ASTM D664		0.05	0.01
Aniline Point, °F (°C)	ASTM D611	160 (71)	180 (82)	169 (76)
Sulfur, ppm	ASTM D4294		500	28
Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346		3	under 3
Modified Ames Assay, MI	ASTM E1687		1	under 1
FDA Regulation	21 CFR 178.3620 (C)	PASS	PASS	PASS