



SUNOCO NAPHTHENIC PROCESS OIL 100

OVERVIEW

SUNOCO NAPHTHENIC PROCESS OIL 100 is a severely hydrotreated naphthenic process oil. This premium product has a low pour point, low odor, is very light in color and is highly resistant to discoloration.

APPLICATIONS

SUNOCO NAPHTHENIC PROCESS OIL 100 is used in compound blending, metalworking, manufacturing, rubber and tire production and other industrial processes.

FEATURES & BENEFITS

SUNOCO NAPHTHENIC PROCESS OIL 100 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 100 has a low odor for worker friendliness.

TYPICAL PROPERTIES

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL VALUES
		MIN	MAX	
Physical Properties				
Viscosity, SUS at 100°F (37.8°C)	ASTM D2161	100	121	110
Viscosity, SUS at 210°F (98.9°C)	ASTM D2161	38.5		
Viscosity, cSt at 40°C (104°F)	ASTM D445	18.9	22.8	20.7
Viscosity, cSt at 100°C (212°F)	ASTM D445	3.6		
API Gravity, 60°F (15.6°C)	ASTM D1250	24.4		
Specific Gravity, 60°F (15.6°C)	ASTM D4052	0.9074		
Viscosity-Gravity Constant	ASTM D2501	0.869		
Density, lbs/gal at 60°F	ASTM D1250	7.557		
Density at 15.6°C, g/cm ³	ASTM D1250	0.907		
Molecular Weight	ASTM D2502	310		
Flash Point, COC, °F (°C)	ASTM D92	325 (163)	343 (173)	
Flash Point, PMCC, °F (°C)	ASTM D93	304 (151)	323 (162)	
Color, ASTM	ASTM D6045	1.0	0.1	
Pour Point, °F (°C)	ASTM D5949	-30 (-34)	-55 (-48)	
Water Content	ASTM D7546M	PASS	PASS	
Appearance	ASTM D4176M	PASS	PASS	
Chemical Properties				
Acid Number, mg KOH/g	ASTM D664	0.05	0.01	
Aniline Point, °F (°C)	ASTM D611	154 (68)	172 (78)	168 (76)
Sulfur, ppm	ASTM D4294	500	184	
Health and Safety Properties				
Polycyclic Aromatic Compounds, wt%	IP 346	3	<3	
Modified Ames Assay, MI	ASTM E1687	1	<1	
FDA Regulation	21 CFR 178.3620 (C)	PASS	PASS	

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The data and OEM specifications listed are to the best of our knowledge accurate. This information listed is typical data and should not be considered a product standard nor a standard upon which acceptance or rejection of delivered product is to be based. It is the owner's responsibility to consult their equipment owner's manual and select the proper lubricant and viscosity grade for give application. This data is subject to change without notification