



SUNOCO NAPHTHENIC PROCESS OIL 100

OVERVIEW

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SUNOCO NAPHTHENIC PROCESS OIL 60 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 60 is used in compound blending, metalworking, manufacturing, rubber and tire production and other industrial processes.

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.

TYPICAL PROPERTIES

| TEST DESCRIPTION | TEST METHOD | SPECIFICATIONS | | TYPICAL VALUES |
|--------------------------------------|---------------------|----------------|------------|----------------|
| Product Code | | 1103 | | |
| Physical Properties | | MIN | MAX | |
| Viscosity, SUS at 60°F (37.8°C) | ASTM D2161 | 108 | 131 | 120 |
| Viscosity, SUS at 210°F (98.9°C) | ASTM D2161 | | | 39.1 |
| Viscosity, cSt at 40°C (104°F) | ASTM D445 | 20.5 | 25.0 | 22.8 |
| Viscosity, cSt at 100°C (212°F) | ASTM D445 | | | 3.8 |
| API Gravity, 60°F (15.6°C) | ASTM D1250 | | | 24.3 |
| Specific Gravity, 60°F (15.6°C) | ASTM D4052 | | | 0.9083 |
| Viscosity-Gravity Constant | ASTM D2501 | | | 0.869 |
| Density, lbs/gal at 60°F | ASTM D1250 | | | 7.564 |
| Density at 15.6°C, g/cm ³ | ASTM D1250 | | | 0.9074 |
| Molecular Weight | ASTM D2502 | | | 307 |
| Flash Point, COC, °F (°C) | ASTM D92 | 325 (163) | | 350 (177) |
| 3Flash Point, PMCC, °F (°C) | ASTM D93 | 304 (151) | | 338 (170) |
| Color, ASTM | ASTM D6045 | | 1.0 | L0.5 |
| Pour Point, °F (°C) | ASTM D5949 | | -30 (-34) | -56 (-49) |
| 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 | 158 (70) | 176 (80) | 171 (77) |
| Sulfur, ppm | ASTM D4294 | | 750 | 320 |
| 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