



76 SN Oil

76 Lubricants SN Oil is a highly refined, non-compounded paraffinic mineral oil recommended for use as a high-quality process oil or blending component for other lubricants.

SN Oil is available in four grades: 100, 220, 250 and 600. It is highly refined from select paraffinic stocks to be uniform in quality and chemical composition and have carefully controlled physical and chemical properties. It has high natural oxidation stability, low volatility and good viscosity-temperature characteristics for use over a wide temperature range. It has a high flash point relative to its viscosity, good solvency properties and very light color.

Applications

- Process oil
- Blending component for other lubricants
- Mineral seal oil
- General-purpose lubrication where a non-compounded mineral oil is required

Features/Benefits

- Uniform quality and chemical composition
- High natural oxidation stability
- Good viscosity-temperature characteristics
- Low volatility
- High flash point
- Good solvency
- Very light color

**Highly Refined
Paraffinic
Mineral Oil**

**Customer Service
Number:
1-888-766-7676**

**Technical Hot Line:
1-800-435-7761**

**E-mail Address:
76lubricants@
conocophillips.com**

www.76Lubricants.com

600 N. Dairy Ashford • 2W9000 • Houston, TX 77079



76 SN Oil

Typical Properties

Grade	100	220	250	600
ISO Grade	22	32/46	46	100
Density, g/cm ³ @ 15.6°C (60°F)	0.854	0.864	0.867	0.870
Density, lbs/gal @ 15.6°C (60°F)	7.11	7.19	7.22	7.24
Gravity, °API	34.1	32.3	31.7	31.2
Color, ASTM D1500	L 0.5	L 0.5	L 0.5	L 0.5
Flash Point (COC), °C (°F)	209 (408)	232 (450)	238 (460)	266 (511)
Pour Point, °C (°F)	-13 (9)	-13 (9)	-15 (5)	-13 (9)
Viscosity,				
cSt @ 40°C	20.6	41.5	46.0	109
cSt @ 100°C	4.2	6.4	6.7	12.2
SUS @ 100°F	108	214	238	568
SUS @ 210°F	40.4	47.7	48.7	68.5
Viscosity Index	102	104	99	102
Acid Number, ASTM D974, mg KOH/g	<0.05	<0.05	<0.05	<0.05
Aniline Point, ASTM D611, °C (°F)	107 (225)	114 (237)	115 (239)	127 (260)

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Due to continual product research and development, the information contained herein is subject to change without notification.

Copyright © 2007 ConocoPhillips Company. The ConocoPhillips logo, 76 and the 76 logo are trademarks of ConocoPhillips Company in the U.S.A. and other countries.