

76 ELS Process Oil 100

76 Lubricants ELS Process Oil 100 is a highly refined, hydroprocessed paraffinic mineral oil developed for use as a process oil and as a blending component for polymer solutions and other lubricants. It is particularly recommended for use in applications that require a paraffinic mineral oil with extra low sulfur content.

ELS Process Oil 100 is available in one grade: 100 (ISO 15/22). 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 excellent viscosity-temperature characteristics for use over a wide temperature range. It also has a high flash point relative to its low viscosity, fair solvency properties and very light color.

Applications

- Process oil
- Blending component for polymer solutions
- Blending component for concrete form oil and other lubricants
- Mineral seal oil
- General-purpose industrial lubrication where a non-compounded mineral oil is required

Features/Benefits

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

**Highly Refined,
Extra Low Sulfur,
Paraffinic
Process Oil**

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

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

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



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Typical Properties

Grade	100
ISO Grade	15/22
Density, g/cm ³ @ 15.6°C (60°F)	0.836
Density, lbs/gal @ 15.6°C (60°F)	6.96
Gravity, °API	37.7
Color, ASTM D1500	L 0.5
Flash Point (COC), °C (°F)	220 (428)
Pour Point, °C (°F)	-20 (-4)
Viscosity,	
cSt @ 40°C	19.6
cSt @ 100°C	4.3
SUS @ 100°F	103
SUS @ 210°F	40.7
Viscosity Index	123
Acid Number, ASTM D974, mg KOH/g	<0.01
Aniline Point, ASTM D611, °C (°F)	115 (239)
Ash, ASTM D482, wt %	<0.01
Sulfur, wt %	<0.0001

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.

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