



76 Klondyke® 100K

76 Lubricants Klondyke 100K is a highly refined mineral oil developed for use as a process oil in the manufacture of automotive rubber products, such as floor mats, tires and weatherstripping. It also is used as a carrier oil for adhesives, coatings and plastics.

Klondyke 100K is available in one intermediate viscosity grade: ISO 68/100. It is manufactured from carefully selected naphthenic and paraffinic base stocks to have low wax content and a high aniline point to ensure uniform consistency and good solvency in rubber manufacturing. It has good lubricity, low carbon-forming tendency and good low-temperature properties. It also has a light amber color for use as a blending component for rubber compounds and elastomers.

Applications

- Blending component for rubber compounds and elastomers
- Process oil for manufacturing floor mats and weatherstripping
- Plasticizer and extender oil for manufacturing tires
- Carrier oil for adhesives, coatings and plastics

Features/Benefits

- Low wax content
- Low carbon-forming tendency
- Good oxidation stability
- Good lubricity
- Good solvency
- High aniline point
- Light amber color

**Multipurpose
Process Oil For The
Rubber Industry**

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

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

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76 Klondyke® 100K
Typical Properties

ISO Grade	68/100
Density, g/cm ³ @ 15.6°C (60°F)	0.890
Density, lbs/gal @ 15.6°C (60°F)	7.41
Gravity, °API	27.5
Color, ASTM D1500	2.0
Flash Point (COC), °C (°F)	228 (442)
Pour Point, °C (°F)	-9 (16)
Viscosity,	
cSt @ 40°C	85.9
cSt @ 100°C	9.1
SUS @ 100°F	451
SUS @ 210°F	57
Viscosity Index	73
Acid Number, ASTM D974, mg KOH/g	0.04
Aniline Point, ASTM D611, °C (°F)	105 (221)
Carbon Residue, ASTM D524, wt %	0.04
Refractive Index @ 20°C, ASTM D1218	1.475
Viscosity-Gravity Constant, ASTM D2501	0.975
Volatility, ASTM D972, 22 hrs @ 225°F, wt %	0.15
Carbon Type Composition, ASTM D3238, wt %,	
C _a	4
C _n	38
C _p	58
Composition, Clay Gel Analysis, ASTM D5186, wt %,	
Saturates	83
Aromatics	15
Polar Compounds	2
Sulfur, ASTM D1552, wt %	0.27

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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