



## 76 Arbor Oil

76 Lubricants Arbor Oil is a compounded oil developed primarily for use in the lumber industry to keep edger arbor blades clean and free of pitch and resins.

Arbor Oil is available in one viscosity grade: ISO 22. It is formulated with low-viscosity paraffinic base oils and a special surfactant additive that helps minimize pitch and gum deposition that can interfere with proper movement and lubrication of the edger saws on the arbor. It has high film strength to protect saw bearings against scuffing and wear, and provides good lubricity to reduce friction between sliding surfaces. It has a low pour point for use at low ambient temperatures.

Arbor Oil also may be used as a concrete form release oil and for certain metalworking applications. The surfactant additive inhibits the adherence of concrete to steel and wood surfaces, and provides good metal-wetting ability for machining non-ferrous metals.

### **Applications**

- Edger arbors lubricated by spray, brush or drip-feed systems
- Arbor bearings or other bearings where wood pitch, resins or gums interfere with lubrication
- Coating of wood or metal forms prior to pouring concrete
- Machine shops requiring a mineral oil-fatty acid product for machining non-ferrous metals

### **Features/Benefits**

- Softens and removes pitch and gum
- High film strength for protection against scuffing and wear
- Good lubricity to reduce friction between sliding surfaces
- Good metal-wetting ability
- Good service over a wide temperature range

**CAUTION:** This product reacts adversely with zinc. It should **not** be used to lubricate equipment that is galvanized or contains zinc alloys, nor stored or handled in containers containing zinc alloys.

**Compounded  
Edger Arbor Oil**

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

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

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

**[www.76Lubricants.com](http://www.76Lubricants.com)**

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



**76 Arbor Oil**  
**Typical Properties**

<b>ISO Grade</b>	<b>22</b>
Density, g/cm <sup>3</sup> @ 15.6°C (60°F)	0.861
Density, lbs/gal @ 15.6°C (60°F)	7.17
Color, ASTM D1500	0.5
Flash Point (COC), °C (°F)	230 (446)
Pour Point, °C (°F)	-21 (-6)
Viscosity,	
cSt @ 40°C	24.0
cSt @ 100°C	4.7
SUS @ 100°F	125
SUS @ 210°F	42.0
Viscosity Index	116
Acid Number, ASTM D974, mg KOH/g	20

**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.