



Arbor Oil

Phillips 66® 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 formulated with 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. The surfactant additive inhibits the adherence of concrete to steel and wood surfaces.

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

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, not stored or handled in containers containing zinc alloys.

Compounded Edger Arbor Oil

KEEPING THE
WORLD
RUNNING
SMOOTHLY. 



Arbor Oil

Typical Properties	
ISO Grade	22
Specific Gravity @ 60°F	0.862
Density, lbs/gal @ 60°F	7.18
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	114
Acid Number, ASTM D974, mg KOH/g	20.0

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/EN/products/Pages/MSDS.aspx>.

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Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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