



76 Uniguide II

76 Lubricants Uniguide II is a premium quality oil specially developed to provide optimum lubrication of saw guides. It is particularly recommended for the lubrication of arbor bearings and saw guide systems that utilize “thin kerf” technology in cutting lumber.

Uniguide II is available in four viscosity grades: ISO 32, 46, 100 and 150. It is formulated with high-quality paraffinic base oils and select additives that provide wear protection, tackiness, enhanced metal-wetting ability and protection against rust and corrosion. Oiliness and tackiness agents provide a strong oil film that reduces friction and resists sling-off during operation, resulting in extended saw guide life and reduced water usage for cooling. An extreme-pressure additive provides extra protection against saw guide wear. This product emulsifies with water to provide effective lubrication, has excellent filterability and does not contain any chlorine or heavy metal compounds.

Applications

- Saw guides
- Arbor bearings
- Saw system ways and gears

Uniguide II meets the performance requirements of saw guide systems manufactured by:

- CAE Newnes (McGehee)
- Salem
- USNR (Schurman, Ukiah)

Features/Benefits

- Good metal-wetting ability
- Homogenizes in fine droplets in the presence of water
- Extreme-pressure properties for wear protection
- Resists sling-off
- Excellent filterability
- Protects against rust and corrosion
- Contains no chlorine or heavy metals

**Premium
Saw Guide Oil**

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

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76 Uniguide II
Typical Properties

ISO Grade	32	46	100	150
Density, g/cm ³ @ 15.6°C (60°F)	0.862	0.870	0.876	0.880
Density, lbs/gal @ 15.6°C (60°F)	7.18	7.24	7.28	7.33
Color, ASTM D1500	1.0	1.0	2.0	2.5
Flash Point (COC), °C (°F)	216 (420)	225 (437)	268 (514)	282 (540)
Pour Point, °C (°F)	-24 (-11)	-24 (-11)	-29 (-20)	-18 (0)
Viscosity,				
cSt @ 40°C	32.0	46.0	100	150
cSt @ 100°C	5.6	7.1	12.4	16.0
SUS @ 100°F	165	237	518	783
SUS @ 210°F	45.0	50.0	69.2	83.8
Viscosity Index	112	113	117	111
Foam Test, ASTM D892	Pass	Pass	Pass	Pass
Rust Test, ASTM D665 A	Pass	Pass	Pass	Pass

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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