

PRODUCT INFORMATION

ANGLER

ANGLER INDUSTRIES, INC.
61 Industrial Park Rd • PO Box 217
Sterling, CT 06377
860-564-0080 • FAX 860-564-3598
www.anglerindustries.com



AccuCool WS Series 6, 8 & 15 Regular Water Soluble Oil

DESCRIPTION

AccuCool WS series water soluble oils are clear, light brown colored products, which mix easily into cold water to form stable, milk-white emulsions. This exceptional emulsion stability is characteristic of **AccuCool WS series oils** even when mixed into hard water or when heavily diluted with water to form very "lean" emulsion concentrations.

Emulsions of **AccuCool WS series oils** provide excellent metal wetting properties to speed the removal of heat from work piece and tool. This provides the cooling necessary to insure good work piece surface finishes and extended tool life so essential for peak production. The combination of the emulsifier and the petroleum oil constituent in the emulsion gives excellent interim rust protection for work piece machined surfaces. Because of the firmness of its emulsions and its freedom from added sulfur, chlorine and fatty oils, **AccuCool WS series oils** have inherent resistance to rancidity. They are sweet smelling and non-toxic to the skin. Workmen like **AccuCool WS series oils** for their cleanliness.

APPLICATIONS

AccuCool WS series oils see general use as coolants for free-machining steels and non-ferrous metals in such operations as boring, drilling, milling, sawing and turning. Also used grinding coolants.

The data in this Product Information sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information set forth herein is furnished free of charge and is based on technical data that **Angler** believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.

Recommended Dilution Ratios

General Machining:	Mix 1 part oil into 15-20 parts water
General Grinding:	Mix 1 part oil into 40-60 parts water
Caution:	Always stir water while adding coolant

PROPERTIES

	<u>WS 6</u>	<u>WS 8</u>	<u>WS 15</u>
Density, lbs/gal @ 60 F	7.68	7.51	7.44
Viscosity, SSU @ 100 F (neat oil)	157	132	172
Pour Point, °F	-20°	-20°	-20°
Color ASTM	3-1/2	3-1/2	3-1/2
Sulfur, Chlorine, % wt.	Nil	Nil	Nil
Water, % wt.	Nil	Nil	Nil

Angler Industries (Division of DuBois Chemicals) • 860-564-0080 • info@anglerindustries.com

The data in this Product Information sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information set forth herein is furnished free of charge and is based on technical data that **Angler** believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.