

# PRODUCT INFORMATION

# ANGLER

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## 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.

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**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

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