



MACH SPEED

Soluble Cutting Fluid

MACH SPEED is a premium quality soluble oil primarily used for light and medium duty machining applications where cooling is of primary importance, where lubricity and rust protection are also required. MACH SPEED is formulated with a highly effective emulsifier package for outstanding emulsion stability and rust inhibition. MACH SPEED provides easy emulsification and extra protection against oil-water separation in adverse operating conditions, such as poor water quality or contamination of the emulsion with dirt or tramp oil.

Use MACH SPEED for light and medium duty machining operations such as milling, turning, boring, or planing with cast iron, malleable iron, carbon, alloy and stainless steels. At higher dilutions MACH SPEED may be used for machining plastics, rubber or fibre.

MACH SPEED soluble oil is prepared for use by mixing with relatively large portions of water. The oil must always be added to the water. Never add the water to the oil. Usually one part oil is stirred into four parts water. Adding water to this mixture then makes the desired dilution. Oil should never be added directly to the existing emulsion. At concentrations of 1 part oil to 10 to 20 parts water, MACH SPEED can be used for many light and medium duty machining operations such as milling, turning, boring, or planing with cast iron, malleable iron, carbon, alloy and stainless steels. At concentrations of 1:30, MACH SPEED may be used for machining plastics, rubber or fibre and at 1:50, for grinding ferrous and non-ferrous metals. MACH SPEED can also be used as general coolants at dilution ratios of 1:50 or 1:100 where some lubrication and rust protection is required, as in hydraulic systems where water is the fluid medium.

SPECIFICATIONS FOR MACH SPEED

Color.....	ASTM, 2.0
Specific Gravity.....	0.89
Odor.....	Characteristic
pH.....	N/A
Flash point.....	>300° F
Anti Foam.....	Excellent
Emulsion Stability.....	Excellent
Biodegradable Base.....	Yes
Pour Point, °C.....	-6.0
Viscosity, cSt @ 40°C.....	34

HMIS RATINGS			
Health	<input type="text" value="1"/>	Flammability	<input type="text" value="1"/>
Reactivity	<input type="text" value="0"/>	Personal Protection	<input checked="" type="text" value="X"/>

PACKAGING
55 Gal, JCRE4431
5 Gal, JCRE24815

