



# PRODUCT DATA SHEET

## Oscar Soluble Cutting Fluid

### DESCRIPTION

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**Oscar Soluble Cutting Fluid** has been formulated to meet the requirements for the preparation of water soluble oils which will give stable milky emulsions in all types of water.

It is using an additive which is a blend of emulsifying agents, wetting agents, and rust inhibitors, together with solvent refined mineral oils. It also contains biocides and fungicide additives to give the finished soluble oils and long service life, prevent emulsion breakdown and spoilage.

It is an extremely versatile product for medium-cutting operations, provides all the lubrication and cooling properties necessary to ensure good work piece finish, and extended tool life. It is suitable on ferrous and non-ferrous metals in turning, milling, drilling, tapping, threading and cold sawing operations.

### APPLICATIONS

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### TYPICAL PROPERTIES

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Test Parameters	ASTM Method	Typical Values
pH		9.50
Density @ 15°C, kg/l	ASTM D1298	0.8912
Flash Point (COC), °C	ASTM D92	210
Viscosity @ 100°C, cSt	ASTM D445	6.38
Viscosity @ 40°C, cSt	ASTM D445	40.0
Pour Point, °C	ASTM D97	-6

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*The values shown above are typical values at the date of publication. Oscar Lubricants reserves the right to change these typical values without prior notice.*