

PRODUCT DESCRIPTION

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.

APPLICATION

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TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	OSCAR SOLUBLE CUTTING FLUID
pH	ASTM D1287		9.50
Density @ 15°C	ASTM D1298	kg/l	0.8912
Flash Point (COC)	ASTM D92	°C	210
Viscosity @ 100°C	ASTM D445	cSt	6.38
Viscosity @ 40°C	ASTM D445	cSt	40.0
Viscosity Index	ASTM D2270	-	108
Pour Point	ASTM D97	°C	-6

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

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.oscarlubricants.com