



Soluble Cutting Oil

Soluble cutting oil fluid has been formulated from premium quality base oils and superior additives suitable for lubricating and cooling a wide range of metal cutting and grinding operations.

It is used in machines with low to medium tensile ferrous metals, non-ferrous metals such as aluminum and alloys. It has greater ability to assist the tools in cutting apparatus. It dispersed acidity in water and produces stable emulsion.

It can be used for milling, boring and turning operations @10:1 up to 20:1 water and dilution and for grinding @40:1 dilution (Water:Oil)

Specification & Performance Standards

Soluble Cutting Oil meets the performance requirement BIS 1115.

Typical Physical Characteristics

	Soluble Cutting Oil
Viscosity, cSt @ 40°C	47.0
Viscosity, cSt @ 100°C	6.8
Emulsion Test	Pass
Flash Point COC	185
pH in 200 ppm hard water @2%	9.1

Other types of Metal Working Oils are available upon request.

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by United Grease or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest United Grease office or at www.unitedgrease.com. © United Grease and Lubricants Co LLC, 2022