

Product Description

Anglomoil Soluble Cutting Oil is a medium duty soluble oil which forms a highly stable, semi translucent emulsion when mixed with water. It has been developed for use in metal working operations such as drilling, grinding, reaming, milling, sawing and turning on a wide variety of metals in high speed machines where the primary requirements are cooling and surface finish.

Product Features & Benefits

Anglomoil Soluble Cutting Oil is formulated from solvent refined mineral oil and specialized additives to form a stable emulsion for general cutting and grinding. For overall performance Soluble Cutting Oil contains emulsifiers, corrosion inhibitors, and lubricants. It can be used on a range of metal types inclusive of yellow metals. It contains a very effective biocide package which protects the in-use emulsion from both bacteria and fungus. Soluble Cutting Oil has been formulated to provide a mild level of Extreme Pressure protection, extending its application range and further extending tool life.

Soluble Cutting Oil provides excellent emulsion stability in hard water up to 400ppm (expressed as calcium carbonate).

Soluble Cutting Oil

- Has excellent wetting characteristics
- maximises tool life and provides an excellent surface finish
- Contains a fungicide and biocide to reduce spoilage and odours.
- Good corrosion inhibition to maintain a rust free environment for machine tools and finished parts.

Additional Information

Soluble Cutting Oil is a concentrate and must be mixed with water for use. To mix add the Soluble Cutting Oil concentrate to water with mixing to form a stable milky emulsion. The dilute working solution should contain between 5 and 10% of the concentrate depending on the severity of the operation to be performed.

Typical Characteristics

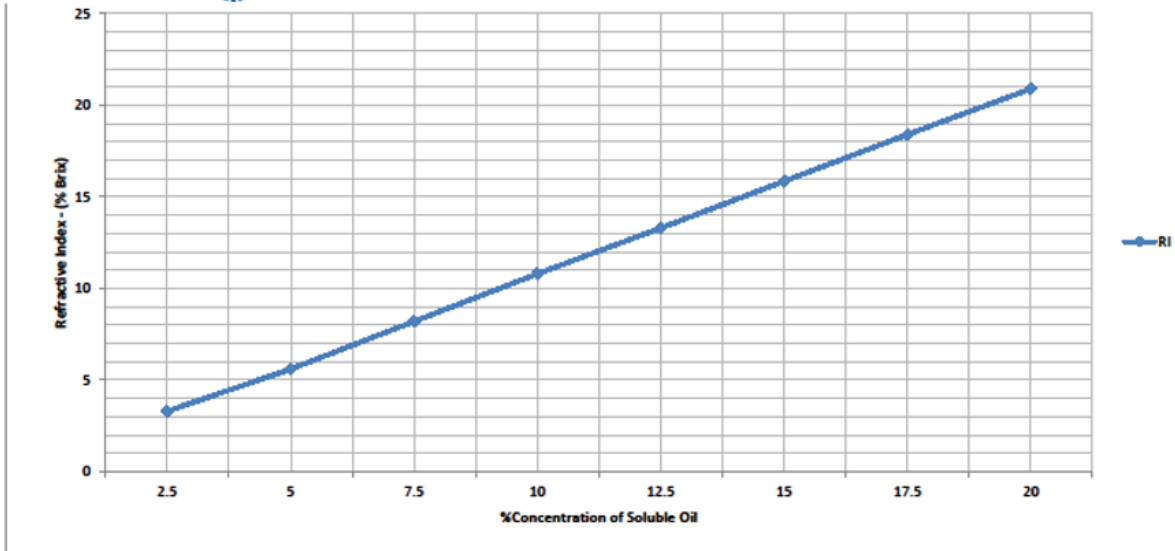
Appearance of Concentrate	Brown Oil	Density @ 20 °C of concentrate	0.91
5% Emulsion Appearance	Milky White	RI Factor	0.98

Recommended Dilutions for Specified Applications

	Ferrous	Non-Ferrous
Grinding	3% to 5%	3% to 5%
Sawing	5% to 7%	5% to 7%
Milling	5% to 7%	5% to 7%
Reaming	5% to 7%	5% to 7%
Turning/Boring	5% to 7%	5% to 7%
Drilling	5% to 7%	5% to 7%
Screw Machining	5% to 7%	5% to 7%



Soluble Cutting Oil - RI v %Conc



Master Item# 2612

Pack Size Availability: 20L, 200L, IBC=1000L

Last Updated: 12th March 2021