

## PRODUCT DATA SHEET

### EPSOL SUPER S/2

General Purpose Water Soluble Cutting Fluid

#### DESCRIPTION

KYROS EPSOL SUPER S/2 is a chlorine free water miscible cutting fluid with excellent solubility. Its highly stable and bio-resistant formulation developed for use as a general purpose, cost effective metalworking fluid.

KYROS EPSOL SUPER S/2 is free from chlorine, nitrite and phenolic compounds and has excellent anti-foaming characteristics.

#### PRODUCT FEATURES

- Outstanding emulsion stability with water of moderately high hardness
- Excellent anti-foaming characteristics, even with soft water
- High oil content provides excellent machine tool lubrication
- High level of corrosion inhibition on tool, sideways and components
- Protects against bacterial degradation and emulsion break-down
- Enhances sump life

#### APPLICATION AREAS

KYROS EPSOL SUPER S/2 can be used on all types of work piece material for general cutting, milling, drilling, tapping, grinding and reaming applications with low to medium tensile steel, cast iron, aluminium and their alloys.

KYROS EPSOL SUPER S/2 can be used at concentrations of 3 - 10% depending on the severity of application.

Running at or above 5% offers better corrosion inhibition, tool life, and sump life. However, the best concentration for a specific operation should be determined by on-site testing.

#### PACKING

KYROS EPSOL SUPER S/2 is available in 210 litres MS barrels and 27 litres plastic drums.

#### TECHNICAL DATA

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Disclaimer: This product data sheet was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended and comply with all applicable laws and regulations. Due to continual product research and development, the information contained herein is subject to change without notification.

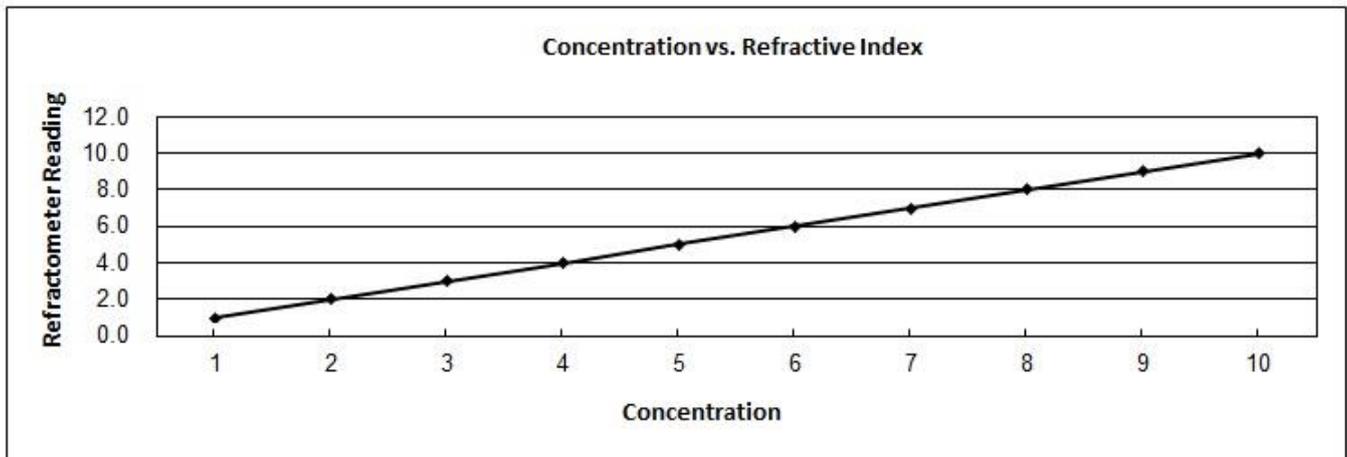
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Properties	Test Method	Typical Values	
		Concentrate	Emulsion
Appearance	Visual	Dark brown clear liquid	Milky
Density @ 29.5°C, g/ml	ASTM D 4052	0.890 – 0.930	--
Refractive Index correction factor	IHTP 001	1.0	--
pH @ 5% in DM water	IHTP 004	--	9.3 – 10.3
Total Alkalinity, % wt. KOH	IHTP 010	1.0 – 2.0	--
5% Emulsion Stability @ 400 ppm hard water	IHTP 012	--	Stable, no oil separation
Corrosion break point, %	IP 287	--	5.0

IHTP: In-house Test Procedure



Note: Refer the Safety Data Sheet for safety and handling guidelines for this product.

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