



EASYCUT-SS

Soluble Semi-synthetic Cutting Oil

CUTTING OIL / EASYCUT-SS (SOLUBLE SEMI-SYNTHETIC CUTTING OIL)

PRODUCT DESCRIPTION

EASYCUT-SS is a Premium quality semi-synthetic type MULTI-PURPOSE SOLUBLE SEMI-SYNTHETIC CUTTING OIL manufactured from carefully selected synthetic hydrocarbon PAG and glycols proprietary emulsifiers which have a bearing on the clarity and stability of the emulsion even with water of 1000 ppm hardness. A stable clear emulsion is prepared by adding the oils to water, with continuous stirring. EASYCUT-SS gives the desired cooling characteristics, provides rust protection and lubricity for the cutting operation with good finish of work piece and longer life for tools. EASYCUT-SS is also fortified with appropriate biocides to keep control of bacterial growth. It is only recommend for ferrous metals & alloys. Dilution ratio with water is 2% (2:100) gives excellent grinding with smooth surface finish.

APPLICATIONS

EASYCUT-SS is recommended for a variety of cutting operations on both ferrous and alloys metals. For grinding machining operations. Not recommended for machining of magnesium as fine chips of magnesium is a fire hazard when moistened with water.

PERFORMANCE LEVEL

- EASYCUT-SS (Soluble Semi-Synthetic Cutting Oil)
- Meets IS: 11186 -1985 (RA 1990) specifications

BENEFITS

- Highly stable emulsion
- Prolonged tool life, excellent surface finish, superior cooling and lubricating properties.
- Excellent rust protection

TYPICAL PROPERTIES

CHARACTERISTICS	EASYCUT-SS
Density @ 29.5 °C, gm/cc	0.998
Appearance	Clear Fluorescent
pH (5% Emulsion in D/W)	8.5
Refractometer Reading multiplication Factor	1.35
Cast Iron Corrosion 20:1 ratio emulsion With 1000 ppm H/W	0/0-0

This bulletin 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.
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