

DIVYOL SOLUBLE CUTTING OIL – PRO CUT SS

Applications:

Divyol Pro Cut SS is a semi-synthetic, water-miscible cutting fluid containing lower percentage of mineral oil. This amber-coloured heavy duty cutting oil is specially formulated for general to severe machining applications on cast iron, carbon steel and ferrous alloys and for less severe operations on stainless steel. It is suitable for operations like drilling, milling, boring, tapping, reaming, turning and grinding operations. Recommended concentrations are: 3% to 4% for grinding, 5% to 7% for normal operations, and 8% to 12 % for difficult operation.

Advantages:

Divyol Pro Cut SS cutting oil, when mixed with water, forms a lasting, stable and finely dispersed, translucent emulsion. It imparts good surface finish and provides excellent rust protection. This easy-to-use formulation causes less foaming even in soft water and its balanced EP package helps extend service life of tools.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Pro Cut SS
1	Appearance	Visual	Bright and clear
2	Kinematic viscosity at 40 °C, cSt, min.	ASTM D 445	63.90
3	pH of 5% solution, min	–	9.0
4	Emulsion stability 5% in water	IS:1448:P:98	Complies
5	Emulsion stability 8% in water	IS:1448:P:98	Complies
6	Cast iron corrosion in 400 ppm water	IS:1115: Appendix A	Complies

The above properties are typical values and do not constitute specification of the product.

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