

UNISOL EP2 SOLUBLE

UNISOL EP2 is a new generation of biostable emulsion with high oil content. It is a stable soluble semi-synthetic cutting fluid that produces a milky emulsion when mixed with water. UNISOL EP is fortified with chlorinated extreme pressure additives to provide superior performance on more difficult operations.

UNISOL EP2 is designed for use on a wide variety of materials including cast iron, mild steels, stainless steels and other difficult alloys. It is also suitable for water qualities with hardness values ranging between 50 to 350-ppm calcium and has low foaming tendency.

UNISOL EP2 is free from Nitrites, PTBBA and Phenols.

APPLICATIONS / BENEFITS

- 4 - 6% dilution is suggested for general machining.
- 6 - 10% dilution is recommended for difficult machining.
- 3 - 5% dilution is recommended for grinding.
- Contains EP additives.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Appearance		Amber Liquid
Specific Gravity @ 15°C		0.9453
Mineral Oil Content %		60
Emulsion:		
Appearance		Milky
pH at 3%		9.4
IP 287 Corrosion Test %		2.0
Defoam ml (3% in 50 ppm water)		Nil (15 secs)
Refractometer Factor		1.0