



United Oil
PERFORMANCE • VALUE • RELIABILITY

UNISOL EP 2

Product Description:

UNISOL EP 2 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 2 is fortified with chlorinated extreme pressure additives to provide superior performance on more difficult operations.

UNISOL EP 2 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 EP 2 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 Result
Concentrate:		
Appearance		Clear Liquid
Specific Gravity @ 15C	ASTM D 4052	0.95
Emulsion:		
Appearance		Milky
pH @ 3%		9.4
IP 287 Corrosion Test %		2.0
Refractometer Factor		1.0

Product Data Sheet