



FERRO MK 3000

HIGH PERFORMANCE SEMI-SYNTHETIC CUTTING OIL

APPLICATION

Ferro MK 3000 is a new generation, nitrite free, bio-stable semi-synthetic cutting fluid having medium oil content and suitable for CNC machining and grinding operations on steel and cast Iron.

The Product is designed to provide stable translucent emulsion. The product is fortified with EP additives, biocides and corrosion inhibitors and technology combines exceptional detergency with high lubricating properties

Concentration range:

4 - 6 % depending on type of operation

Recommended Dilutions

MS / Steel Grinding --- 4-5 %
CNC/ general machining --- 4-6 %
Make up water hardness: 50 - 400 ppm

FLUID MAINTENANCE

Poor or incorrect emulsion preparation may lead to instability and could considerably shorten the life of the emulsion. Prior to making any fresh fill, we highly recommend full cleaning including the use of a compatible systems cleaner of all system components which will be in contact with the emulsion. A wide range of system cleaners* and disinfecting additives* are available from Lubrita

***Please consult a Lubrita representative for any additional information.**

BENEFITS:

- Nitrite Free
- Good Bio Resistance
- Good Filterability
- Excellent Lubrication Properties
- Good Corrosion Protection when using recommended concentration.

PROPERTIES:

PROPERTY	UNIT	TYPICAL VALUE- FERRO MK 3000
Appearance / Color	[-]	Amber Fluid
Specific Gravity		1.02 -1.06
Pour point	[°C]	< 4
Appearance diluted	[-]	Transparent Amber
pH diluted @5%	[-]	9.0-9.6
Refractometer factor	[%/° Brix]	1.25