JOKISCH MIGMA EVIO DGG

Special grinding fluid for hard metal.

Synthetic - free of secondary amines - chloride free - free of nitrite – Free of boric acid

APPLICATION

A mineral oil free, water-soluble cooling lubricant, mainly used for grinding operations on hard metal materials, but also suitable for the machining of steel or cast iron. Inhibited against the release of cobalt.

CHARACTERISTICS

When mixed with water produces extremely stable, clear emulsions with optimized properties. Particularly noteworthy are the long service life, despite good skin compatibility, persistent clarity (even with hard water) and low foaming tendency. Prevents the appearance of cobalt and copper ions in the grinding fluid, eliminating a number of problems in carbide and gunmetal machining. The grinding fluid do not carry harmful cobalt and copper salts that are harmful to health and harmful to waste water, and therefore do not discolour and remain transparent.

PROPOSED CONCENTRATION

Grinding of steel and hard metal	3-4%
Grinding of cast iron	4-5%

TECHNICAL SPECIFICATIONS

	UNIT	METHOD	JOKISCH **MIGMA EVIO DGG**
Kin. viscosity at 20°C	mm²/s	ASTM D 7042	12
Density at 20°C	g/cm³	DIN EN ISO 12185	1,09
pH-value at 5%	-	DIN 51369	9,1
Refractometerindex	-	-	1,7
Mineral oil content	%	-	0

This information is based on the latest state of knowledge. They are intended to describe the product and thus do not have the meaning to assure certain properties. A liability can not be derived from this.

STORAGE

Storage temperature:	5 – 40°C
Storage time:	12 months

Date: 12.09.2025

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