

TECHNICAL DATA SHEET

JOKISCH MIGMA EVIO DBG (Jokisch W1 OP Basic)

Synthetic water soluble cooling lubricant for many types of shape cutting light metal processing, including grinding.

Free of mineral oil - low foaming tendency - free of secondary amines - free of formaldehyde

APPLICATION

Because of its low foaming tendency, it can be used in areas with very low water hardness.

CHARACTERISTICS

When mixed with water, it forms a finely dispersed clear emulsion of high stability. Very good corrosion protection and very low foaming tendency. The emulsions are particularly resistant to microorganisms and thus enable long tool lives with little maintenance effort.

PROPOSED CONCENTRATION

Grinding of steel and non-ferrous metals	4-6%
Machining of steel and non-ferrous metals	6-10%

TECHNICAL SPECIFICATIONS

	UNIT	METHOD	JOKISCH MIGMA EVIO DBG
Kin. viscosity at 20°C	mm ² /s	ASTM D 7042	58
Density at 20°C	g/cm ³	DIN EN ISO 12185	1,02
pH-value at 20°C	-	DIN 51369	9,4
Refractometerindex	-	-	2,9
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.

Elastomeric behavior of the synthetic ester compound:

Elastomer behaviour SRE-NBR 1; DIN 53 538 Teil 1	Relativ Volume change in%	DIN 53 521	+5
7 days 100°C	Change of SHORE hardness	DIN 53 521 combined with DIN 53 505	-2

STORAGE

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