

TECHNICAL DATA SHEET

JOKISCH MONOS ATOS G4G (Jokisch Universal Grinding Oil Plus)

Hydrocracked grinding oil for severe machining at high cutting speeds.

Characteristics: EP-additives for hobbing and gearwheel pushing

APPLICATION

Powerful processing oil with a light colour, for grinding and cutting operations.

Is used for grinding processes on steel with CBN and ceramic grinding wheels at high cutting speeds. Its main application is in gear manufacturing processes, like tooth flank grinding. The copper corrosion of 1a (ASTM D 130) also makes it suitable for lubrication of hydrostatics bearings in machine tools.

CHARACTERISTICS

The EP additives of the product also allow machining processes such as hobbing and gearwheel pushing. The low viscosity allows filtration to below 1 µm.

Based on hydrocracked mineral oils with a very low aromatic content, and polar-chemically active (EP) additives. These cutting-edge active ingredients increase the pressure absorption capacity of the oil, reduce wear on the tools and thus extend their service life.

Does not discolour non-ferrous and light metal.

TECHNICAL SPECIFICATIONS

	UNIT	METHOD	JOKISCH MONOS ATOS G4G
Kin. viscosity at 40°C	mm ² /s	ASTM D 7042	9
Density at 20°C	g/cm ³	DIN EN ISO 12185	0,85
Flash point	°C	DIN ISO 2592	170

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: 36 months

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