

TECHNICAL DATA SHEET

JOKISCH MONOS ATOS C3G (Jokisch Monos Atos M10)

Hydrocrack metalworking oil for severe metal processing.

Characteristics: Good compatibility towards sealing gaskets and coatings

APPLICATION

High performance processing oil with mild odour and 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 hydrostatic bearings in machine tools, also very well suited for drilling, milling, and turning. The EP additives of the product also allow machining processes such as hobbing and gearwheel pushing.

CHARACTERISTICS

The low viscosity allows filtration to below 1 µm. Due to the copper corrosion of 1a (ASTM D130), it can also be used in hydrostatic bearings of some machine tools. Based on HC mineral oils with very low aromatics content and polar and 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. This improves the surface quality of the processed workpieces. Does not discolour non-ferrous and light metal.

TECHNICAL SPECIFICATIONS

	UNIT	METHOD	JOKISCH MONOS ATOS C3G
Kin. viscosity at 40°C	mm ² /s	DIN 51 562	9
Density at 20°C	g/cm ³	ASTM D 4052	0,85
Flash point	°C	ASTM D 92	170
Copper corrosion 3h and 100 °C	°C	ASTM D 130	1a

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

Jokisch GmbH
Fabrik für Schmier- und Kühlmittelspezialitäten

Industriestraße 5-10 | 33813 Oerlinghausen
T +49 52 02 97 34 0 | F +49 52 02 97 34 49
info@jokisch-fluids.de | www.jokisch-fluids.de

