

PLANTO MIKRO 830 S-CS

Description

PLANTO MIKRO 830 S-CS is a metal machining oil with low evaporation and mist formation values, containing highly efficient EP- and AW-additives free from chlorine and heavy metals.

Due to its contents of special synthetic oils free from aromatic compounds and a carefully matched combination of ingredients PLANTO MIKRO 830 S-CS is a highly efficient machining oil specifically designed for machining high-strength alloys.

Application

PLANTO MIKRO 830 S-CS is specially designed as a minimum quantity lubricant for 2 canal system for internal and external applications. It can also be used for normal flushing lubrication.

PLANTO MIKRO 830 S-CS is a high-performance cutting oil for machining of materials that are difficult or extremely difficult to cut.

It is recommended for all cutting operations where a highly active cutting oil is needed. It is especially suitable for broaching of high-strength alloys.

PLANTO MIKRO 830 S-CS is not recommended for non-ferrous metals.

Benefits

- reduce workshop pollution
- free of chlorine, zinc and heavy metals
- produce outstanding surface finishes
- increase tool life
- reduce friction with special additives
- tried and tested formulations



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Typical chemical and physical properties

Property	Unit	Data	Test method
Density at 15 °C	g/ml	0.97	DIN 51 757
Color	ASTM	4.5	DIN ISO 2049
Kinematic viscosity at 40 °C	mm ² /s	31	DIN 51 562-1
Flashpoint	° C	185	DIN ISO 2592
Copper corrosion	degree	4-20A3	DIN EN ISO 2160

*) FLV = Test procedure of FUCHS EUROPE SCHMIERSTOFFE GMBH

As regards application, please observe current German VDI-Guidelines 3035, 3397 Sections 1 – 3 for perfect results.

Storage conditions: Protect from frost!



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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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