

TECHNICAL DATA SHEET

CUT-MAX® 903-12

NEAT CUTTING OIL FOR GENERAL MACHINING

CUT-MAX® 903-12 is based on Syn2Oil base oil technology with extremely low aromatic content. This base oil provides outstanding values regarding flashpoint, air release, foam behaviour, odour and colour. A combination of polar, extreme pressure and anti-wear additives provide the oil with high load carrying properties. The oil provides good surface finish of the machined work pieces.

CUT-MAX® 903-12 is free from Chlorine and heavy metals (Zinc).

Applications

CUT-MAX® 903-12 is recommended for machining of high alloyed steels, stainless, heat resistant or austenitic steels and aluminum or magnesium alloys.

CUT-MAX® 903-12 gives excellent results with many difficult operations such as deep-hole drilling, tapping, shaping or shaving of gears.

Recommendation For Use

Is used neat as supplied. Sump temperatures above 50°C should be avoided.

Benefits

- Reduced cost : improved tool life due to high EP power
- Reduced cost : higher production rates due to strong lubricity
- Reduced cost : less energy consumption due to high EP and lubricity
- Peace of mind : approved by leading MTM (machine tool manufacturer)

Health, Safety And Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

Typical Physical Properties

PROPERTY	TYPICAL VALUE	UNIT
Colour	amber	
Specific Gravity @20°C	0.83	[kg/L] ASTM D4052
Kinematic Viscosity @40°C	12	[mm²/s] ASTM D7042
Flash Point COC	190	[°C] ASTM D92
Pour Point	-30	[°C] ASTM D97
Copper Corrosion	4c	ASTM D130

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