

VALONA MS 5020



Metalworking



Chlorine-free neat cutting oil for severe machinings.

UTILISATIONS

- **VALONA MS 5020** is a low viscosity **chlorine-free neat cutting oil** dedicated to both ferrous and non-ferrous metals.
- **VALONA MS 5020** is more particularly suitable for precision turning and current machinings operations on copper alloys, precision turning steels, medium to hard steels, could be used on aluminium alloys and stainless steels.
Machinings lubricated: Precision turning, drilling, boring, milling, turning, threading, tapping, sawing.

AVANTAGES

- **Outstanding cooling properties**
Dissipates the heat generated on the tool, the chips and the workpiece,
- **Good antiwear and extreme pressure performances**
Increases the tool lifetime,
Prevent ridging,
Very good surface finish.
- **Outstanding oxidation resistance**
- **Excellent compatibility with seals and paintings** (use of highly refined base oils characterised by a high aniline point).
- **Low mist oil formation.**

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA MS 5020
Appearance	-	-	Clear liquid
Colour	ISO 2049	0 à 8	1 (Yellow)
Odor	-	-	Light
Density at 15°C	ISO 3675	kg/m ³	863
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	20
Copper corrosion	ISO 2160	cotation	1a
Open cup flash point	ISO 2592	°C	>200
Aniline point	ISO 2977	°C	>100

Les valeurs des caractéristiques figurant dans ce tableau sont des valeurs typiques données à titre indicatif.