

VALONA MS 3020



Metalworking

Chlorine-free neat cutting oil for mild-severe machinings.

UTILISATIONS

- **VALONA MS 3020** is a **chlorine-free neat cutting oil dedicated to both** ferrous and non-ferrous metals.
- **VALONA MS 3020** is widely used on cutting operations such as screw-cutting on copper alloys, on low-carbon steels and medium steels.

ADVANTAGES

- Good anti-wear **performances** :
Increases the tool lifetime,
Very good surface finish.
- **Slight oil retention on the chips** :
Facilitates washing and decreases the oil consumption.
- **Excellent compatibility with seals and paintings.**
- **Low mist oil formation.**

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA MS 3020
Appearance	-	-	Clear liquid
Colour	-	-	Yellow
Density at 15°C	ISO 3675	kg/m ³	874
Cinematic viscosity at 40°C	ISO 3104	mm ² /s	20
Copper corrosion	ISO 2160	-	1a
Open cup flash point	ISO 2592	°C	212

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from

www.quick-fds.com.

