



Valona MS 5020 HC

DESCRIPTION

VALONA MS 5020 HC is a low viscosity chlorine-free neat cutting oil dedicated to both ferrous and non-ferrous metals.

VALONA MS 5020 HC is homologated by WICKMAN GROUP

VALONA MS 5020 HC is homologated by IX - NANJING JUXING MACHINERY EQUIPMENT

VALONA MS 5020 HC is homologated by CONCAST INDIA LTD

APPLICATIONS

- **VALONA MS 5020 HC** is more particularly suitable for precision turning and current machining operations on copper alloys, precision turning steels, medium to hard steels, could be used on aluminum alloys and stainless steels. Machining's lubricated: Precision turning, drilling, boring, milling, turning, threading, taping, sawing.

ADVANTAGES

This product is formulated from a premium base stock and provide many advantages:

- **Good anti-wear and extreme pressure performances**, extends the tool lifetime, prevents ridging, shows very good surface finish.
- **Very little odor** due to its low aromatic compound content.
- **Improvement to operators' health** due to almost no carcinogenic compounds as polycyclic aromatic hydrocarbons present in the oil.
- **Reduced oil mists and less product consumption** through evaporation, due to low levels of volatility.

- **Supreme product life** is ensured though increased oxidation stability.
- **Improved filtration ratio**, due to efficient degassing of the product.
- **Excellent compatibility against elastomers and paints**

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 advisor or downloaded at ms-sds.totalenergies.com

TECHNICAL DATA SHEET

V.01/2024

Valona MS 5020 HC



TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Valona MS 5020 HC
Appearance	-	-	Clear liquid
Color	ISO 2049	0 à 8	1 (Yellow)
Odor	-	-	Light
Density at 15°C	ISO 3675	kg/m3	842
Kinematic viscosity at 40°C	ISO 3104	mm2/s	22
Copper corrosion	ISO 2160	cotation	1B

Above characteristics are mean values given as an information.

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