

# VALONA MS 5020 HC



*Metalworking*



Chlorine-free neat cutting oil for stringent machinings.

## APPLICATIONS

- **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 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.

## ADVANTAGES

- **Good antiwear and extreme pressure performances**

Extends the tool lifetime,  
Prevent ridging,  
Very good surface finish.

This product is formulated from a hydrocracked base stock and provides many advantages:

- **Very little odour** due to its low aromatic compound content.
- **Improvement to operators health** due to almost no carcinogenic compounds such 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 through increased oxidation stability.
- **Improved filtration ratio**, due to efficient degassing of the product.
- **Excellent compatibility with elastomers and paints**

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA MS 5020 HC
Appearance	-	-	Clear liquid
Colour	ISO 2049	0 à 8	1 (Yellow)
Odor	-	-	Light
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	842
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	22
Copper corrosion	ISO 2160	cotation	1B
Open cup flash point	ISO 2592	°C	> 220

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS  
INDUSTRIE**

29-11-2017 (supersedes 21-10-2013)

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This lubricant used according to our recommendations and for the application for which it is intended does not present any specific risk.  
A safety datasheet in compliance with the legislation in force in the EC is available at [www.quick-fds.com](http://www.quick-fds.com) and from your sales advisor.