

VALONA MS 5009 HC



Metalworking

TOTAL

Chlorine-free neat cutting oil for severe machinings.

APPLICATIONS

- **VALONA MS 5009 HC** is a very low viscosity **chlorine-free neat cutting oil dedicated to** both ferrous and non-ferrous metals.
- **VALONA MS 5009 HC** is widely used on cutting operations such as screw-cutting on aluminium and copper alloys, on low-carbon steels and medium steels.
Machinings lubricated: drilling, turning, screwcutting, milling, 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 5009 HC
Appearance	-	-	Clear liquid
Colour	-	-	Yellow
Density at 15°C	ISO 3675	kg/m ³	840
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	9
Copper corrosion	ISO 2160	-	1a
Open cup flash point	ISO 2592	°C	166

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE
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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.