Valona MS 7009 HC

DESCRIPTION

Chlorine-free neat cutting oil for heavy duty machining.

VALONA MS 7009 HC is homologated by JUNKER

VALONA MS 7009 HC is homologated by IX - NANJING JUXING MACHINERY EQUIPMENT

APPLICATIONS

- **VALONA MS 7009 HC** is dedicated to both ferrous and non-ferrous metals.
- **VALONA MS 7009 HC** is widely used on cutting operations on hard and very hard steels (bearing steels), on special, stainless, and refractory steels (NIMONIC and VASPALLOY) and on titanium alloys (aerospace and medical applications).
- It can also be used on low carbon steels and copper alloys.
- Machining lubricated: deep drilling, turning, screw cutting, milling, threading, tapping, sawing.

ADVANTAGES

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

- **Very good anti-wear and extreme pressure performances**, extends the tool lifetime, provides 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

TotalEnergies Lubrifiants
SA 552 006 454 RCS Nanterre - France

TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Valona MS 7009 HC
Appearance	-	-	Clear liquid
Color	ISO 2049	-	3 maxi
Density at 15°C	ISO 3675	kg/m3	853
Kinematic viscosity at 40°C	ISO 3104	mm2/s	9.9
Copper corrosion	ISO 2160	-	1b maxi
Open cup flash point	ISO 2592	°C	162

Above characteristics are mean values given as an information.

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

TotalEnergies Lubrifiants
SA 552 006 454 RCS Nanterre - France