Valona MS 5032 HC

DESCRIPTION

Chlorine-free neat cutting oil for severe machining and for machine tool lubrication.

APPLICATIONS

- **VALONA MS 5032 HC** is dedicated to both ferrous and non-ferrous metals and to the lubrication of various machine parts: bearings, gears, sideways. Precautions to take on all lubrication machine circuits it is mandatory to use new and fresh oil for topping up.

- **VALONA MS 5032 HC** is widely used on cutting operations such as screw-cutting on copper alloys, on aluminum, on low-carbon steels, medium, hard, and stainless steels.
- ISO VG 32
- DIN 51502 HLPD 32 (Detergent properties)
- ISO/TR 3498-1986 HG 32

ADVANTAGES

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

- **Very good anti-wear and extreme pressure performances**:
  - increases the tool lifetime,
  - prevents ridging,
  - 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

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TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Valona MS 5032 HC
Appearance	-	-	Clear liquid
Color	-	-	Yellow
Density at 15°C	ISO 3675	kg/m3	857
Kinematic viscosity at 40°C	ISO 3104	mm2/s	33
Copper corrosion	ISO 2160	-	1a
Open cup flash point	ISO 2592	°C	212

Above characteristics are mean values given as an information.

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