

VALONA MS 5032 HC



Metalworking

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

UTILISATIONS

- **VALONA MS 5032 HC** is a **chlorine-free neat cutting oil 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 aluminium, on low-carbon steels, medium, hard and stainless steels.

SPECIFICATIONS

- ISO VG 32
- DIN 51502 HLPD 32 (Detergent properties)
- ISO/TR 3498-1986 HG 32

ADVANTAGES

- **Good antiwear and extreme pressure performances:**

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

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

- **Very little odour** 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.**

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA MS 5032 HC
Appearance	-	-	Clear liquid
Colour	-	-	Yellow
Density at 15°C	ISO 3675	kg/m ³	857
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	33
Copper corrosion	ISO 2160	-	1a
Open cup flash point	ISO 2592	°C	212

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE

10-02-2016 (supersedes 16-01-2014)

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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.