

# VALONA MS 13 HC



*Metalworking*



Chlorine-free neat cutting oil for machining.

## APPLICATIONS

- **VALONA MS 13 HC** is a low viscosity **chlorine-free neat cutting oil dedicated** to both ferrous and non-ferrous metals.
- **VALONA MS 13 HC** is more suitable for the less stringent operations in precision turning. It can be used also for grinding and honing.
- Do not stain copper and its alloys.

## ADVANTAGES

- **VALONA MS 13 HC** ensures a very high wetting power through its fluidity. It allows a good compromise between lubricity and cooling.

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 through increased oxidation stability.
- **Improved filtration ratio**, due to efficient degassing of the product.
- **Excellent compatibility against elastomers and paints.**

CARACTERISTIQUES TYPES	METHODS	UNITS	VALONA MS 13 HC
Appearance	Visual	-	Limpid
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	828
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	13
Flash point (open cup)	ISO 2592	°C	201
Copper Corrosion (3h, 100°C)	ISO 2160	-	1 a

The characteristics values in this table are typical values.