

# VALONA GR 3005 HC



*Metalworking*

**TOTAL**

Chlorine-free neat oil for honing operations on ferrous metals.

## DESCRIPTION

- **VALONA GR 3005 HC** is a low viscosity, chlorine-free neat oil especially recommended for honing operations on ferrous metals.

## APPLICATIONS

- **VALONA GR 3005 HC** is principally dedicated for honing on steels, but can be used on cast iron and non ferrous metals.
- **VALONA GR 3005 HC** is particularly convenient for superfinishing of bearing rings and can be used with abrasives such as diamond to silicon carbide honing stones, emery cloth and grinding wheels.

## ADVANTAGES

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 GR 3005 HC
Aspect	visual	-	Clear liquid
Color	ISO 2049	0 to 8	0
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	816
Kinematic viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	4.1
Flash point C.O.C	ISO 2592	°C	> 130
Aniline point	ISO 2977	°C	> 90
Pour point	ISO 3016	°C	< - 15
Copper corrosion 3 h at 100 °C	ISO 2160	Rating	1 b max.

The product characteristics in this table are typical values given for informative purpose.

TOTAL LUBRIFIANTS  
INDUSTRIE  
21-10-2013  
VALONA GR 3005 HC  
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This lubricant does not pose any particular threat if used according to our recommendations and for the provided application. An MSDS conform to European legislation is available on [www.quick-fds.com](http://www.quick-fds.com) and through your local salesman or distributor.