



Valona GR 7012 HC

DESCRIPTION

VALONA GR 7012 HC is a low viscosity, chlorine-free neat and honing oil.

VALONA GR 7012 HC is homologated for KAPP NILES grinding machines.

APPLICATIONS

- VALONA GR 7012 HC is a chlorine-free neat grinding oil dedicated for grinding and honing to both ferrous and non-ferrous metals.

ADVANTAGES

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

- **Very good anti-wear and extreme pressure performances**
- Very good surface finish,
- Conferring low rugosity and high dimensional accuracy,
- Ensure that very high G factors can be achieved and the intervals between diamond finished lengthened.
- **Very little odor** 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.**

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

TECHNICAL DATA SHEET

V.01/2024

Valona GR 7012 HC



TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	VALONA GR 7012 HC
Appearance	-	-	Clear liquid
Density at 15°C	ISO 3675	kg/m ³	833
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	11.6
Copper corrosion	ISO 2160	-	1b
Open cup flash point	ISO 2592	°C	> 190

The characteristics shown in this table are typical values given for illustrative purposes.

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