



Valona GR 5005 HC

DESCRIPTION

VALONA GR 5005 HC is a low viscosity, chlorine-free neat oil.

APPLICATIONS

- **VALONA GR 5005 HC** has been formulated especially for honing. used for grinding and honing on both ferrous and non-ferrous metals.
- **VALONA GR 5005 HC** is a clear oil which is efficient over a wide working range of metals and machining operations (grinding, drilling, general machining on aluminum).

ADVANTAGES

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

- Based on a hydrocracked oil.
- Chlorine free.
- Promotes excellent surface finish.
- Excellent lubricity properties - Increases the tool life on a large scale of cutting parameters maintaining an additive layer on the chip / workpiece / tool surface.
- Excellent metal wetting ability.
- Non-staining.
- Low odor.
- Aromatics free.
- Low volatility resulting in a reduction in consumption.
- Excellent air release, improved filterability.

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 5005 HC



TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	VALONA GR 5005 HC
Aspect	visual	-	Clear liquid
Color	ISO 2049	0 to 8	0.2
Density at 15°C	ISO 3675	kg/m3	814
Kinematic viscosity at 40 °C	ISO 3104	mm2/s	4.5
Flash point C.O.C	ISO 2592	°C	144
Pour point	ISO 3016	°C	< - 24

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

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