

VALONA GR 3005



Metalworking

TOTAL

Straight oil for grinding and honing operations on ferrous metals.

UTILISATIONS

- **VALONA GR 3005** is low viscosity neat oil especially recommended for honing and grinding operations on ferrous metals.

ADVANTAGES

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

PROPERTIES

VALONA GR 3005 is formulated with very light color and low viscosity base oil to ensure:

- Very low odor resulting in more comfort for operators.
- Easy working area observation and tools' regulation.
- Excellent cooling effect.
- Excellent compatibility with seals and paintings (high aniline point).
- High flash point.
- Low volatility hence low product loss due to evaporation.
- Not subject to VOC European legislation.
- Very low aromatics content (< 0.03% weight).

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA GR 3005
Aspect	visual	-	Clear liquid
Color	ISO 2049	0 to 8	0
Density at 15°C	ISO 3675	kg/m ³	816
Kinematic viscosity at 40 °C	ISO 3104	mm ² /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
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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 and through your local salesman or distributor.