



Valona MS 7022 BIO

DESCRIPTION

High performance biodegradable-based neat cutting lubricant

APPLICATIONS

- **VALONA MS 7022 BIO** is designed for turning, milling, drilling, tapping, and broaching on ferrous and non-ferrous metals, including titanium and yellow metals.
- **VALONA MS 7022 BIO** can be used in both traditional jet lubrication and Minimum Quantity Lubrication (MQL) systems.

ADVANTAGES

- **VALONA MS 7022 BIO** is a vegetal based oil, free of polycyclic aromatic hydrocarbons (PAH) and benzo-a-pyrene (BaP) molecules, limiting health risks.
- **VALONA MS 7022 BIO** reduces fire risks due to its high flash point, in comparison to mineral oils.
- Formulated from high quality feedstock, **VALONA MS 7022 BIO** prevents phenomena such as polymerization (gel) and rancidity.
- **VALONA MS 7022 BIO** offers maximum user comfort while ensuring outstanding performance in machining:
 - Extreme pressure and anti-wear properties to increase tool savings and ensure good surface quality of workpieces.
 - Low fumes and vapors during machining.
 - Outstanding wetting property.
 - Cleaner machines and working environment.

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 MS 7022 BIO



TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Valona MS 7022 BIO
Appearance	-	-	Light yellow
Density at 15°C	ISO 3675	kg/m3	901
Kinematic viscosity at 40°C	ISO 3104	mm2/s	25
Flash point (Cleveland)	ISO 2592	°C	219
Fire point (Cleveland)	ISO 2592	°C	240
Copper corrosion 3h, 100°C	ISO 2160	-	1B

Above characteristics are mean values given as an information.

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