



Valona MS 7010 BIO

DESCRIPTION

Bio sourced and biodegradable vegetable cutting oil.

APPLICATIONS

- **VALONA MS 7010 BIO** is designed for turning, drilling, tapping, grinding, and honing on ferrous and nonferrous metals.
- **VALONA MS 7010 BIO** is a neat cutting oil that can be used for Minimum Quantity lubrication. It enables to reduce lubricant consumption and to improve the quality of the working environment.

ADVANTAGES

- **VALONA MS 7010 BIO** is a synthesized product based on **a fully biodegradable vegetable oil**. It does not contain any polycyclic aromatic Very little odor due to its low aromatic compound content.
- **VALONA MS 7010 BIO** is fully saturated preventing phenomena such as polymerization (gel) and rancidity.
- Excellent tool life.
- Excellent mist control.
- No odor.
- Cleaner machines and working environments.
- Ashless product.

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

TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Valona MS 7010 BIO
Appearance	visual	-	Light yellow
Viscosity at 40°C	ISO 3104	mm ² /s	9
Density at 15°C	ISO 3675	kg/m ³	864
Flash point (Cleveland)	ISO 2592	°C	220
Pour point	ASTM D 97	°C	-3
Acid number	ISO 6618	mg KOH/g	< 0.1
Copper corrosion 3h, 100°C	ISO 2160	-	1B

Above characteristics are mean values given as an information.

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