



Valona MQL 3036 BIO

DESCRIPTION

Chlorine free vegetable oil dedicated for minimum quantity lubrication.

APPLICATIONS

- **Valona MQL 3036 BIO** is suitable for indirect food contact.
- **Valona MQL 3036 BIO** is designed for spray lubrication. It is aimed at lubricating machining operations on ferrous and non-ferrous metals and is particularly suited to aluminum alloys machining.
- **Valona MQL 3036 BIO** is particularly suited to milling, tapping, drilling, reaming, and sawing operations.

Valona MQL 3036 BIO is also suitable for lubrication of bandsaws for woodcutting.

ADVANTAGES

- **Valona MQL 3036 BIO** is based on a **biodegradable vegetable oil**. It does not contain any polycyclic aromatic hydrocarbons nor benzo-a-pyrene.
- Excellent tool life.
- Excellent mist control.
- No odor.
- Cleaner machines and working environments.
- Better chip valorizations.
- 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 MQL 3036 BIO
Appearance	visual	-	Clear and bright
Density at 15°C	ISO 3675	kg/m ³	920
Viscosity at 40°C	ISO 3104	mm ² /s	35
Flash point (Cleveland)	ISO 2592	°C	330
Copper Corrosion 3 hours at 100°C	ISO 2160	rating	1a
Acid number	ISO 6618	mg KOH/g	< 0.5
Biodegradability	CFC L-33-A-93	%	> 95

Above characteristics are average values given as an indication.

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