

VALONA MQL 3036 BIO



Metalworking

TOTAL

Chlorine free vegetable oil dedicated for minimum quantity lubrication.

APPLICATIONS

- **VALONA MQL 3036 BIO** is a chlorine free vegetable oil 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 band-saws for wood cutting.

SPECIFICATIONS

- **VALONA MQL 3036 BIO** is suitable for indirect food contact.

ADVANTAGES

- **VALONA MQL 3036 BIO** is base on a **biodegradable vegetable oil**. It does not contain any polycyclic aromatic hydrocarbons nor benzoapyrene.
- Excellent tool life.
- Excellent mist control.
- No odour.
- Cleaner machines and working environments.
- Better chip valorizations.
- Ashless product.

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.

TOTAL LUBRIFIANTS
INDUSTRIE
10-12-2015
VALONA MQL 3036 BIO
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This lubricant used according to our recommendations and for the application for which it is intended does not present any specific risk.
A safety datasheet complying with the EC legislation is available from your sales representative or can be downloaded from www.quick-fds.com.