



Valona MQL 3046

DESCRIPTION

Chlorine-free neat cutting oil for micro-lubrication.

APPLICATIONS

- **VALONA MQL 3046** is applied by micro-spraying and intended for machining ferrous and non-ferrous metals and aluminum alloys.
- **VALONA MQL 3046** is particularly suitable for processes involving milling, tapping, drilling, reaming, and sawing.
- **VALONA MQL 3046** is also well suited to forming operations:
 - Bending and expanding of copper or aluminum alloy pipes for radiators and heat exchangers in automotive vehicles.
 - Blanking operations (by spraying).

ADVANTAGES

- **VALONA MQL 3046** possesses enhanced lubricating properties to be effective in small quantities.
- **VALONA MQL 3046** is a product based on plant sources selected for:
 - best possible performance,
 - excellent mist control,
 - low odor.
 - Ensures cleanliness of machines and their environment.
- **VALONA MQL 3046** means:
 - less lubricants used,
 - elimination of waste costs,
 - improved chip management.

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 MQL 3046



TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Valona MQL 3046
Appearance	-	-	Clear
Color	-	-	Light yellow
Odor	-		none
Density at 15°C	ISO 3675	kg/m3	915
Kinematic viscosity at 40°C	ISO 3104	mm²/s	46
Flash point (open vessel)	ISO 2592	°C	330
Biodegradability	CFC L-33-A-93	%	> 95

Above characteristics are average values given as an indication.

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