

# VALONA MS 7023



Metalworking

Chlorine-free neat cutting oil for heavy duty machinings.

## UTILISATIONS

- **VALONA MS 7023** is a **chlorine-free neat cutting oil dedicated to both** ferrous and non-ferrous metals.
- **VALONA MS 7023** is widely used on cutting operations on hard and very hard steels (bearing steels), on special, stainless and refractory steels (NIMONIC and VASPALLOY) and on titanium alloys (aviation and medical applications). It can also be used on low carbon steels and copper alloys.  
Machinings lubricated : turning, screwcutting, milling, threading, tapping, sawing, deep drilling.

## ADVANTAGES

- **Very good antiwear and extreme pressure performances:**
  - increases the tool lifetime,
  - prevents ridging,
  - very good surface finish,  
(it contributes towards reducing production costs).
- **Very good behaviour on a large scale of cutting parameters.**
- **Low treatment cost** (swarf, diatomated earth, chip treatment).
- **Low mist oil formation** which improves the work conditions.

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA MS 7023
Appearance	-	-	Clear liquid
Colour	-	-	Yellow
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	880
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	23
Copper corrosion	ISO 2160	-	1a
Open cup flash point	ISO 2592	°C	190
Aniline point	ISO 2977	°C	93

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités

23 July 2001

VALONA MS 7023

1/1

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 adviser or down loaded from [www.quick-fds.com](http://www.quick-fds.com).

