

# VALONA AU 5510



*Metalworking*

**TOTAL**

**Chlorine-free neat cutting oil for severe machinings.**

## UTILISATIONS

- **VALONA AU 5510** is a **chlorine-free neat cutting oil dedicated to both ferrous and non-ferrous metals.**
- **VALONA AU 5510** is widely used on cutting operations such as screw-cutting on aluminium, on copper alloys, on low-carbon steels and medium steels. Machinings lubricated : drilling, turning, screwcutting, milling, threading, tapping, sawing.

## ADVANTAGES

- **Excellent lubricity properties:**  
High fat additive content oil which facilitates the cutting of **sticky materials (example : aluminium).**
- **Good antiwear and extreme pressure performances:**  
Increases the tool life,  
Prevent ridging,  
Very good surface finish.
- **Outstanding oxidation resistance.**
- **Excellent compatibility with seals and paintings** (use of highly refined base oils characterised by a high aniline point).
- **Low mist oil formation.**
- **Friendly working environment:** very low smell.

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA AU 5510
Appearance	-	-	Clear liquid
Colour	-	-	Yellow
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	882
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	12
Copper corrosion	ISO 2160	-	1b
Open cup flash point	ISO 2592	°C	> 160

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**  
25-07-2007  
VALONA AU 5510  
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).