

# VALONA GR 7005



*Metalworking*



Chlorine-free oil for honing and superfinishing.

## UTILISATIONS

- **VALONA GR 7005** has been specially developed for honing (with stone and diamond tools) and superfinishing on ferrous and non-ferrous metals : hard, very high strength steels, extra soft and mild steels, etc.
- The oil is also suitable for cutting soft metals and aluminium.
- **VALONA GR 7005** is a **highly fluid, lubricating and detergent oil**. It can be used for effective washing of honing stones and the surface of the workpiece; metal and abrasive particles settle out practically instantaneously, thus avoiding recycling in the spray circuit.

## ADVANTAGES

- Highly fluid oil offering excellent cooling properties.
- Very good lubrication.  
Smooths out the abrasion of the sharpest projections in order to obtain absolutely "polished" surface finishes.
- Excellent detergent properties:  
Prevents tool fouling.
- Excellent anti-wear properties.
- Good extreme pressure properties.
- Prevents the formation of oil mists.
- Non-carcinogenic oil (DMSO UV index < 200).

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA GR 7005
Appearance	visual	-	Clear
Colour	visual	-	Brown
Density at 15°C	ASTM D 1298	kg/m <sup>3</sup>	840
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	5
Cleveland Flash Point	ASTM D 92	°C	100 mini.
DMSO-UV Index	ASTM D 2269	-	40

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**

26 march 2003 (supersedes 20 august 2001)

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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).

