

VALONA ST 9037



Metalworking



Chlorine-free neat cutting oil designed for very hard machining operations on ferrous metals.

UTILISATIONS

- **VALONA ST 9037** is **chlorine-free metalworking oil** with specific additives specially suitable for all difficult machining operations on ferrous metals.
- **VALONA ST 9037** is more particularly suitable for machining operations on carbon steels, high alloy steels and stainless steels.
- **VALONA ST 9037** must only be used on ferrous metals.
Currently lubricated operations:
 - thread and cogs grinding, and deep rough grinding,
 - tapping alloy steels and stainless steels,
 - gear cutting and shaving,
 - low-speed broaching.

ADVANTAGES

- **Excellent anti-wear and extreme pressure performance:**
 - The nature of its compounding gives it excellent machining performances that result in an excellent surface finish and ensures that dimensions and tolerances are respected,
 - Increases the tool life time,
 - Prevents the formation of built-up edges (improves productivity and production costs),
- **Excellent antimist and antifoam properties,**
- **Outstanding oxidation resistance.**

TYPICAL CHARACTERISTICS	METHODS	UNITS	VALONA ST 9037
Appearance	-	-	Clear liquid
Colour	ISO 2049	0 to 8	5 (dark brown)
Odour	-	-	Slight
Density	ISO 3675	kg/m ³	889
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	42
Copper corrosion	ISO 2160	-	3b

The characteristic values shown in this table are typical values that are given as a guide.

TOTAL LUBRIFIANTS
Industrie & Spécialités

09-04-2004 (supersedes 19-02-2004)

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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.

