Valona ST 9122 HC

DESCRIPTION

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

APPLICATIONS

- **VALONA ST 9122 HC** is designed with specific additives especially suitable for all difficult machining operations on ferrous metals.
- **VALONA ST 9122 HC** is more particularly suitable for machining operations on carbon steels, high alloy steels and stainless steels.
- **VALONA ST 9122 HC** must only be used on ferrous metals. Currently lubricated operations:
  - stainless steels free cutting,
  - thread and cogs grinding, and deep rough grinding,
  - drilling, reaming of alloy steels and stainless steels,
  - gear cutting and shaving,
  - broaching.

ADVANTAGES

This product is formulated from a premium base stock and provide many 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 lifetime.
  - Prevents the formation of built-up edges. (Improves productivity and production costs).
- **Very little odor** due to its low aromatic compound content.
- **Improvement to operators' health** due to almost no carcinogenic compounds such as polycyclic aromatic hydrocarbons present in the oil.
- **Reduced oil mists and less product consumption** through evaporation, due to low levels of volatility.
- **Supreme product life** is ensured through increased oxidation stability
- **Improved filtration ratio,** due to efficient degassing of the product.
- **Excellent compatibility with elastomers and paints.**

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

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TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	VALONA ST 9122 HC
Appearance	-	-	Clear liquid
Color	ISO 2049	0 to 8	5 (dark brown)
Odor	-	-	Slight
Density	ISO 3675	kg/m3	848
Kinematic viscosity at 40°C	ISO 3104	mm2/s	22
Copper corrosion	ISO 2160	-	3b

Above characteristics are mean values given as an information.

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