Serade STAB Synthetic

DESCRIPTION

The Serade range consists of post-treatment additives. Used at the right time, based on the recommendations of your technical advisor, these additives allow you to extend the life of your soluble cutting fluid baths in service.

Serade STAB Synthetic stabilizes water-based solution metalworking fluids in baths in service.

APPLICATIONS

- **Serade STAB Synthetic** is recommended in cases where a true solution is polluted by oils (hydraulic, lubrication, etc.) and it is necessary to improve the separation of the two phases: **Serade STAB Synthetic** permits better separation of the true solution and the oil (external pollutant). In addition, it also permits settling suspended chips that impede the process.
- **Serade STAB Synthetic** also permits deposition of chips and an antifoaming power
- **Serade STAB Synthetic** is dedicated for use with Folia and Vulsol range. It can be used for both large units and individual machines.
- **Serade STAB Synthetic** can be used in doses ranging from 0.001 % to 0.005 %. To be sure of the dose to be added, we recommend that you call your sales contact to obtain a precise analysis by our laboratory, or possibly carry out a progressive test starting at 0.001 %, then at 0.003 or 0.005 %.
- **Serade STAB Synthetic** must be added directly in the part of the bath where agitation is greatest. The product must be added to the bath slowly so as not to destabilize it.

ADVANTAGES

- **Serade STAB Synthetic** is an efficient means of separating the aqueous phases from the oily phases (external pollutant) of a bath in service, especially in the case of heavy pollution by a foreign oil, and thus extend the life of the bath by conserving its properties. The antibacterial and anticorrosion properties of the bath will also be improved.

HEALTH AND SAFETY

- **Serade STAB Synthetic** conforms to the most recent regulations to minimize its impact on human beings and the environment. Please refer to the safety data sheet (MSDS) as these products are active concentrates.

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	Serade STAB Synthetic
Aspect	Visual	-	Brown
Kinematic viscosity at 25 °C	Internal	mm^2/s	125 - 1000
pH in dilution with 50 % water	Internal	-	6 à 8
Density at 15 °C	ISO 12185	kg/m^3	1145

The characteristics shown in this table are typical values given for illustrative purposes.

The **Serade** range is a full range of post-treatment additives for soluble cutting fluids in service that allows you to dope specific lubricant properties: antifoaming power, increasing pH, protection against corrosion, emulsion stabilization, combating tool wear, etc.

Serade range works in synergy with the cutting fluid monitoring offer of **LubAnac Soluble.** Regular having analyses of your fluid in our laboratory, will ensure longer-lasting bath and provide optimized technical performances.

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