# Serade WQ Plus

## 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 WQ Plus** increases the hardness of water in a bath of soluble metalworking fluid.

## APPLICATIONS

- **Serade WQ Plus** is recommended in the case where the water in service is too soft. In this case clients often observe foaming due to the softness of the water.
- **Serade WQ Plus** is dedicated for use with Folia, Spirit, Vulsol and Lactuca ranges. It can be used in both large units and individual machines.
- **Serade WQ Plus** must be used according to the following equation: **0.06% to increase 20 dGH** (hardness in German degrees).
- To be certain of the right result to be obtained, we recommend that you call your sales contact or perform a test on a sample of emulsion.
- **Serade WQ Plus** 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

- It is a simple means of adjusting the hardness of the water in service so you can profit in full from the properties of your emulsion.

## HEALTH AND SAFETY

**Serade WQ Plus** conforms to the most recent regulations to minimize its impact on human beings and the environment. Please refer to the Material 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

**TotalEnergies Lubrifiants**
SA 552 006 454 RCS Nanterre - France

# TYPICAL CHARACTERISTICS

| Typical characteristics | Methods | Units | Serade WQ Plus |
|---|---|---|---|
| Aspect | Visual | - | Clear |
| Kinematic viscosity at 40 °C | Internal | $mm^2/s$ | 1 |
| pH at 5 % in water | Internal | - | 6,3 à 9,6 |
| Density at 15 °C | ISO 12185 | $kg/m^3$ | 1055 |

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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