

DeposiTrol* BL6501

deposit control agent

- Hardness scale inhibitor
- Patented calcium phosphate inhibitor
- Superior dispersant

description and use

DeposiTrol BL6501 is a blend of inhibitor and polymer designed to control scale formation and fouling, in recirculating and once through cooling systems.

typical applications

DeposiTrol BL6501 is specifically designed to inhibit and control scale and deposit formation in cooling systems. It is very effective for the inhibition of hardness scales such as calcium and magnesium carbonate. DeposiTrol BL6501 contains the new stress tolerant polymer (STP) designed for calcium phosphate scale control and particulate dispersion. It provides unparalleled deposition control compared to conventional sulfonate-based polymeric dispersants. It is a superior dispersant for insoluble iron. DeposiTrol BL6501 is also an excellent precipitation/deposition inhibitor for zinc salts. In some applications DeposiTrol BL6501 is effective for the control of manganese deposits in cooling systems.

In open evaporative cooling systems it would typically be applied in systems operating under alkaline pH conditions that results in the water becoming supersaturated with respect to calcium carbonate solubility. DeposiTrol BL6501 will allow such systems to operate at a Langelier Saturation Index up to +2.5. Operation under such conditions would typically reduce the corrosion potential of the cooling water.

treatment and feeding requirements

Proper treatment levels of DeposiTrol BL6501 depend on many factors, such as scale potential, suspended solids and conditions particular to a given installation.

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The product should be used in accordance with control procedures that SUEZ establishes for a specific application.

The product may be fed directly from the shipping container or storage tank to a point in the cooling system where it will be rapidly mixed with the bulk cooling water. For consistent protection, continuous feed is recommended.

Equipment recommendations for specific blends are available upon request.

general properties

Physical properties of DeposiTrol BL6501 are shown on the Safety Data Sheet, a copy of which is available upon request.

packaging information

DeposiTrol BL6501 is a liquid blend, available in a variety of containers and delivery methods. Contact your SUEZ representative for details.

storage

Store DeposiTrol BL6501 at moderate temperatures and protect from freezing. If frozen, thaw completely and mix thoroughly prior to use.

safety precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.