



OPTISPERSE™ PQ4684 Internal Treatment

- Unique blend of polymers and sequestrants
- Superior control of deposit formation
- Improves iron and sludge dispersion
- Appropriate for a stand-alone “All-Organic” program or to supply dispersant in phosphate-based programs

DESCRIPTION AND USE

OPTISPERSE™ PQ4684 is an aqueous blend of polymers and sequestrants that provides effective control of deposit formation on boiler water-side surfaces. It can be used as an “All-Organic” program or to supplement the dispersant capability of phosphate-based programs.

Polymeric dispersants are multifunctional. They distort crystal growth and reduce particle size. By altering the surface charge of the suspended particles, the attraction between the boiler tube wall and the particle is significantly reduced. The net result is a suspension of solids that can be readily handled by blowdown.

OPTISPERSE PQ4684 promotes surface adsorption and distortion of the crystal lattice of deposit particles. This results in significantly reduced scale potential and cleaner heat transfer surfaces.

TREATMENT AND FEEDING REQUIREMENTS

Proper treatment levels for OPTISPERSE PQ4684 depend on many factors particular to a given installation. The product should be used in accordance with control procedures that GE Betz establishes for a specific application.

OPTISPERSE PQ4684 may be fed neat or diluted to any convenient strength with softened makeup, condensate, or feedwater.

PACKAGING INFORMATION

OPTISPERSE PQ4684 is a liquid blend, available in a variety of containers and delivery methods. Contact your GE Betz representative for details.

STORAGE

Store OPTISPERSE PQ4684 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 upon request.