

PRODUCT DATA SHEET FOR BSW 881

BSW 881

Nitrite / Molybdate based scale corrosion inhibitor – liquid.

DESCRIPTION:

BSW 881 is synergistic corrosion and scale prevention treatment for hot and cold closed water systems. The product is based on a blend of nitrite, molybdate, dispersants and scale inhibitors and a specific copper corrosion inhibitor.

PHYSICAL CHARACTERISTICS:

Appearance	Straw colored liquid
Specific Gravity	1,20
Stability	Shelf life in excess of 12 months
Biodegradable	Yes

APPLICATION:

It functions by forming a protective film on the metal surfaces which effectively stifles corrosion and by sequestering hardness salts thereby maintaining clean heat transfer surfaces. The product may be used in hot and chilled water systems or engine and compressor jackets.

BSW 881 is applied by hand dosing due to the normal low make-up rates to closed systems. Where high make-up rates are encountered the product should be dosed continuously via suitable dosing equipment.

DOSAGE AND CONTROL LIMITS:

The precise dosage will be dictated by the operating conditions of a system, or the nature of the problems.

For Closed recirculating systems using hard, soften or demin water:

BSW 881	1500 – 2250 mg/l (as product)
Nitrite	200 – 300 mg/l (as NO ₂)
PH	8.5 – 10.5
Chlorides	500 mg/l max (as Cl)

TECHNOLOGY:

Containing nitrite, molybdate, as well as organic phosphonate as scale and corrosion inhibitors make it a “dianodic” type of product. The corrosion is thus stifled at the cathodic as well as the anodic sites, leaving a passive, well protected surfaces.

PERFORMANCE:

With proper control BSW 881 will provide corrosion rates of far less than 1,0 mpy on mild steel and even better results on admiralty alloys.

HEALTH & SAFETY

Handling	No special precautions required
First Aid	In case of eye or skin contact, rinse well with water. In case of ingestion, obtain medical advice immediately