

V-TRACE™ 130

Multifunctional Cooling Water Treatment

Product Description

V-TRACE 130 multifunctional cooling water treatment is a complex formulation designed to provide outstanding corrosion and deposit control in open recirculating and once-through cooling water systems. The V-TRACE series of cooling water treatment products provides many advantages over current treatment programs. In addition to maximising system performance, the V-TRACE series of cooling water treatment programs provides environmental benefits and can be monitored with Visentia's fluorescence-based monitoring and control system.

All V-TRACE series products achieve superior corrosion protection by means of an optimised blend of both anodic and cathodic-based corrosion inhibitors that do not rely upon conventional metal-based inhibitors. Exceptional deposit control is achieved through complex copolymers and terpolymers that prevent the development and accumulation of troublesome hardness salts. In addition, V-TRACE treatment programs are fully compatible with conventional oxidising microbiocides, such as chlorine and bromine.

The V-TRACE series of cooling water treatment programs has been designed to maximise performance as well as address the environment. V-TRACE cooling water treatment products include environmentally responsible components to assist plants in complying with increasingly stringent discharge regulations. V-TRACE cooling water treatment products do not rely on zinc for corrosion protection. Primary components of the V-TRACE series of cooling water treatment products are engineered to eventually break down in the environment. The environmental profile of the V-TRACE series of treatment products assists in minimising the environmental impact of treated cooling tower water being discharged.

Product Benefits

- Provides outstanding corrosion and deposit control, even under stressed conditions
- Incorporates a patented, multi-functional blend of anodic and cathodic inhibitors
- Includes a complex blend of specialised polymers for the prevention of hardness salt deposition
- Fully compatible with oxidising microbiocides, such as chlorine and bromine

- Environmentally responsible alternative to conventional cooling treatment programs
- Does not contain zinc

Product Application

V-TRACE 130 is specifically designed for corrosion inhibition and deposit control in moderate hardness waters. V-TRACE 130 is recommended for applications containing a maximum of 600 mg/L calcium as CaCO₃ and LSI within the range of 1.2 to 2.8.

Recommended feeding method is continuous as received to a cooling water line, cooling tower basin or spray pond. The feed equipment should be of stainless steel or plastic construction.

Product Dosage

Typical product dosage is 100 ppm based on blowdown; however, the exact dosage will depend on the type of system, operating conditions and the quality of makeup water. Your Visentia Water Treatment Consultant will recommend the proper dosage for your application.

Physical Properties

Form:	Liquid
Odour:	Not available
Colour:	Clear to slightly hazy, light amber
pH (25°C):	>12.2
Melting/Freezing Point:	-5.5 °C
Boiling Point:	100°C
Solubility (water, 25°C)	Miscible
Flammability:	Non-flammable
Relative Density:	>1.23
Viscosity:	Not available



Regulatory & Handling

MPI Dairy: V-TRACE 130 is recognised by the Ministry of Primary Industries New Zealand as a Dairy Maintenance Compound; approved for treatment of cooling systems in dairy factories when used in accordance with recommended operating conditions/guidelines.

MPI Non-Dairy: V-TRACE 130 is approved by the Ministry of Primary Industries New Zealand as a Non-Dairy Maintenance Compound for treatment of boilers, steam lines and/or cooling systems in food and beverage processing plants, where the treated water or steam does not come into contact with food products or process equipment (C 62).

Refer to the SDS or contact your Visentia water treatment consultant for any additional regulatory and environmental information.

Safety: Visentia maintains an SDS for all its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers. Our SDS should be read and understood by all of your supervisory personnel and employees before using Visentia products in your facilities.

Packaging

V-TRACE 130 is available in 20L pail, 200L drum and 1,000L IBC packaging options.

Further Information

If you require any further details on Visentia's products or services, please call your local Visentia water treatment consultant or directly to our Auckland head office on +64 9 216 9824.