

Product Data Sheet TIG Group 5277

Dispersant and Cleaner for Cooling Systems

TIG Group 5277 is a highly effective organoacid + phosphonate based dispersant formulated for cleaning pipelines, closed loop cooling and heating systems. This slightly acidic dispersant plus chelant combination has been developed specifically to disperse sediment including iron and mill scale deposits from water networks. It is particularly effective as a pre-commissioning cleaner prior to hand-over.

- Wide range of network cleaning applications
- Compatible with common construction materials
- Liquid product, easy to use
- Effective for removal of mill scale and silt deposits

TIG Group 5277 application

- TIG Group 5277 should be circulated as at 1% for fouled systems and 0.1% to 0.2% for a pre-commissioning clean drain and repeat if fouling is severe.
- TIG Group 5277 acts as a chelant to dissolve scale so can be used in galvanised systems..
- After cleaning, the system should be flushed thoroughly, closed loop systems should then be protected with a suitable antiscalant and antifoulant combination.
- Contact TIG for technical advice

Typical Properties

- Liquid formulation
- Appearance: colourless
- pH as supplied 5.2
- S.G. at 20° C: 1.18
- Freezing point: < 0° C
avoid freezing
- Fully miscible with water in all proportions

Health and Safety:

TIG Group 5277 is a formulation with phosphonate, nitrilotriacetic and aceto diphosphonic acids. Avoid skin contact.

A material safety data sheet is available upon request.

Classification:

CHIP Classification: Not classified

UN Classification: Not Classified

Material Compatibility:

TIG Group 5277 is compatible with carbon steel and other materials commonly used in cooling systems.

Packaging and shelf life:

TIG-Group 5277 is available in 28kg, 250kg & 1200 kg containers. The shelf life of TIG-Group 5277 has been assessed at 2 years under typical storage conditions of 10 – 25°C.

Please contact us for further information:

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