

SONOGLIDE® FE liquid ultrasonic couplant



ENVIRONMENTALLY BENIGN



SonoGlide FE is a special grade of SonoGlide developed for **ferrous** metals where short-term corrosion is a concern. SonoGlide performs over a wide temperature range and is slow drying. SonoGlide FE remains stable on corroded or salt covered surfaces.

Temperature Operating Range:
-60° to 250°F (-51° to 121°C)

Benefits

- Extended drying time and broad temperature operating range of SonoGlide FE support re-inspection of parts at a later time
- Water soluble couplant that provides excellent acoustic properties and transducer lubrication
- Self-leveling; provides fast, easy spreading over large areas
- Compatible with plastics; will not harden on transducers or instruments
- Low potential for skin irritation-will not stain clothing

Safety

- Non-flammable, Non-irritating
- The most environmentally benign of the extended range couplants.
- contains NO heavy metals, surfactants, glycol ethers, nitrites, silicones, dyes or fragrances

Removal

- Can be completely removed with a water spray
- Has very slow drying properties and will not solidify on transducer parts or instruments

Chemical Analysis and Certification

Independent laboratory analysis of Chlorine and Sulfur referencing ASTM procedures is provided for both products at no additional charge.

Corrosion Inhibition

SonoGlide FE: for ferrous metals where short-term corrosion is a concern¹

- For use with cast iron, steel and its alloys. SonoGlide FE remains stable on corroded or salt covered surfaces and is recommended for boiler inspection when salt cake is present.
- SonoGlide FE contains a ferrous corrosion inhibitor with a relative effectiveness rating of 75. Ferrous Corrosion Characteristics Chart available at <http://www.sonotech-inc.com>.

SonoGlide FE

Total Halogens.....<50 ppm
Sulfur.....<50 ppm

Properties

Viscosity
Grade 7.....<1,000 cps
(Brookfield LV #4 @ 60 rpm)
Grade 10.....~2,500 cps
(Brookfield LV #2 @ 6 rpm)
Grade 20..... ~25,000 cps
(Brookfield LV#4 @12 rpm)
Grade 40..... ~80,000 cps
(Brookfield LV#4 @1.5 rpm)
pH (FE).....10.3

Packaging

1-gallon (4 liter) container
5-gallon (18.9 liter) container
15-gallon (56.8 liter) drum
55-gallon (208.2 liter) drum

¹ For non-ferrous materials, and for food and pharmaceutical machinery, SonoGlide UP is recommended.

