**Echo Z+™**

**High Acoustic–Impedance Ultrasonic Couplant**

Echo Z+™ is a high acoustic-impedance ultrasonic couplant. It increases acoustic impedance and decreases surface noise, making it ideal for very rough, pitted, corroded surfaces or tight-curved test objects, and concrete.

**PRODUCT DESCRIPTION**

- High acoustic impedance
- Decreases surface noise
- Three viscosities
- Strong corrosion inhibition
- Ideal for rough surfaces and concrete

**PACKAGING**

- Fluid viscosity: 4-fluid oz. / 118 ml bottle
- Medium viscosity: 4-fluid oz. / 118 ml metal tube
- High viscosity: 4-fluid oz. / 118 ml metal tube
- **Removal**: Water-soluble. Wipe with wet or dry cloth or water wash.

**PRODUCT SPECIFICATIONS**

**Operating Range:**
0° to 200°F (-18° to 93°C)

**Viscosity:**
- Fluid viscosity (flowable liquid - 2,500 cps)
  - Brookfield LV # 2 @ 6 rpm, at 20°C
- Medium viscosity (paste - 175,000 cps)
  - Brookfield LV # 5 @ 1.5 rpm, at 20°C
- High viscosity (thick paste - 700,000 cps)
  - Brookfield LV # 5 @ 0.6 rpm, at 20°C

**Density:** 1.4 g/cc

**Velocity:** 2.6 mm/µsec

**Acoustic Impedance:** 3.7 MRayls

**Chemical Profile:** Contains no VOCs, naptha, oil, hydrocarbons, silicones, petroleum distillates, dyes or fragrance.

**Corrosion Characteristics:** Contains a short term ferrous corrosion inhibitor. Echo Z+ contains glycerin and is intended to be removed from non-ferrous metal parts after inspection. Corrosion testing advised for aluminum-magnesium aircraft parts.

**Removal:** Water-soluble. Wipe with wet or dry cloth or water wash.

SDS available at www.echoultrasonics.com

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