EchoFLOW™ Fluid Ultrasonic Couplant

**EchoFLOW** is an AUT fluid couplant that is easy to pump in cold environments and will not boil or evaporate on hot parts up to 240°F / 115°C. The increased acoustic impedance reduces surface noise on rough surfaces and highly attenuating materials and enhances ultrasound transmission.

**EchoFLOW** is non-toxic and safe for use in critical environments, such as Alaska’s Arctic Tundra.

### PRODUCT DESCRIPTION
- Pasteurized for product purity
- High acoustic impedance
- Low viscosity fluid at -40°F/C
- Will not harden on equipment
- Compatible with plastics

### SAFETY
- Non-toxic, non-irritating
- Contains no heavy metals, harsh surfactants, glycol ethers, nitrites, silicones, dyes or fragrances.

### VISCOSITY REFERENCE
- 17 cps @ 68°F (20°C)
- 113 cps @ 14°F (-10°C)
- 289 cps @ -4°F (-20°C)
- 631 cps @ -22°F (-30°C)
- 1,398 cps @ -40°F (-40°C)

### PRODUCT SPECIFICATIONS

**Operating Range:**
-40° to 240°F (-40° to 115°C)

- **Boiling Point:** 250°F (121°C)
- **Freezing Point:** -51°F (-46°C)
- **Auto-ignition Temperature:** 732°F (389°C)
- **Total Halogens:** Less than 50 ppm
- **Sulfur:** Less than 50 ppm
- **Acoustic Impedance:** 2.143 x 105 gm-cm²/sec
- **Specific Gravity:** 1.162

### PACKAGING
- 1 gallon (US) / 3.8 liter rigid plastic container
- 5 gallon (US) / 19 liter rigid plastic container

SDS available at www.echoultrasonics.com

Echo Ultrasonics®, LLC
774 Marine Drive | Bellingham, WA 98225
echoultrasonics.com | sales@echoultrasonics.com
360.671.9121