

Echo 6 HT™

High Temperature Fluid Ultrasonic Couplant

Echo 6 HT is a low-cost phenyl/methyl modified silicone based high-temperature, slow-drying, fluid ultrasonic couplant replacing plant based oils (peanut and canola) and mineral oils. Echo 6HT has no residue and is less subject to under insulation cracking (which leads to a lower auto-ignition temperature).

PRODUCT DESCRIPTION

Unlike plant-based oils, Echo 6 HT won't form a film or varnish nor will it gum up bearings or equipment. Echo 6 HT serves as a long-term lubricant for mechanical AUT equipment.

Echo 6 HT is low in viscosity and maintains a stable viscosity across a broad operating range.

Echo 6 HT has low toxicity and is essentially non-irritating.

Echo 6 HT provides excellent corrosion inhibition on ferrous metals and is compatible with all metals and most plastics.

PACKAGING

1 gallon (US) / 3.8 liter rigid plastic container
5 gallon (US) / 19 liter rigid plastic container
55 gallon (US) / 208 liter drum



PRODUCT SPECIFICATIONS

Operating Range:

-40° to 675° F (-40° to 357° C)

- **Auto-ignition Temperature:** 789° F (421° C)
- **Sound Velocity:** 1015 m/second
- **Viscosity:** 90 to 110 cSt
- **Halogens and Sulfur:** Less than 50 ppm
- **Density:** 0.969 g/cm³
- **Acoustic Impedance:** 0.983 Mrayl
- **Attenuation:** 0.9 dB/mm
- **Surface Tension:** 20 mN/m
- **Specific Gravity:** 0.97
- **Weight/Gallon:** 8.91 pounds / 4.04 kg net

*All packaging is approved to United Nations shipping standards for air shipment.

SDS available at www.echoultrasonics.com



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