## Echo Ultrasonics® fluid ultrasound couplants

for automated crawlers, pumping systems and point of use bottle dispensing

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| Echo 4 HT™     | 74                        | -70 to 450°F ( -56 to 230°C)  | • Water soluble  
• Least expensive higher temperature fluid couplant | 628°F 331°C  | 255°F 124°C | $82            |
| VersaSonic® Fluid | 750                      | -10 to 750°F ( -23° to 398°C) | • Excellent corrosion inhibition  
• Broad operating range  
• Soluble in alcohol | 788°F 420°C | 445°F 230°C | $255           |
| Echo 8 HT™     | Grade 1 ~ 100 cST *       | -50 to 800°F ( -45 to 425°C)  | • Minimal smoke  
• Excellent corrosion inhibition  
• Broad operating range  
• Minimal residue | 820°F 437°C | 580°F 305°C | Grade:  
1: $750  
4: $590  
6: $750  
10: $1,398 |
|                | Grade 4 ~ 400 cST (standard) |                               |                                                                                  |               |             |                 |
|                | Grade 6 ~ 850 cST  
Grade 10 ~ 5,000 cST |                               |                                                                                  |               |             |                 |

- Reference cSt Water = 1  
NOTE: Echo fluids and couplants do not contain peanut oil (some competitive couplants contain up to 95%)

### Echo 8 HT Fluid summary:

Echo 8HT High temperature ultrasound coupling fluids are available in four viscosities, Grades 1, 4, 6 and 10. Performance of a broad range of AUT and MUT ultrasonic flaw and thickness gaging applications from -50°F to 800°F (-45°C to 425°C) is possible with these four grades, with minimal residue.

**Grade 1** is the lowest viscosity fluid (100 cST) for long or small diameter lines and quick spreading.

**Grade 4** is Echo's standard viscosity fluid (400 cST) and is usually a good compromise between pump ability and run-off at the transducer.

**Grade 6** is a higher viscosity fluid (850 cST) that minimizes run-off at the transducer, however, requires system “pump ability” testing.

**Grade 10** is a very thick fluid (5,000 cST - honey like) for MUT. It spreads easily over large hot surfaces, stays in place and leaves minimal if any residue.