

Echo Ultrasonics® fluid ultrasonic couplants

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

Couplant	Viscosity (Kinematic) cSt*	Operating Range	Key Attributes	Auto-Ignition	Flash point	Cost per Gallon
EchoPure	70	-60 to 350°F -51 to 176°C	<ul style="list-style-type: none"> Best for very low to ambient temperatures Water soluble 	790°F 421°C	219°F 103°C	\$39.50
VersaSonic® Fluid	750	-10 to 700°F -23° to 371°C	<ul style="list-style-type: none"> Excellent corrosion inhibition Does not contain peanut oil 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	<ul style="list-style-type: none"> Most universal AUT fluid Little or no residue Low toxicity Non-irritating 	850°F 454°C	595°F 313°C	Grade: 1: \$750
	Grade 4 ~ 400 cSt (standard)					4: \$590
	Grade 10 ~ 5,000 cSt					6: \$750 10: \$1,398

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

Operating range is indicated for exposed, ventilated pipe. If couplant accumulates under insulation, auto-ignition temperature will be lower.

Echo 8 HT Fluid: Available in three viscosities, Grades 1, 4 and 10.

Grade 1: lowest viscosity (100 cSt) for long or small diameter lines and quick spreading (similar viscosity to Pyrogel 7®)

Grade 4: standard viscosity (400 cSt) and is usually a good compromise between pump ability and run-off at the transducer.

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



* Pyrogel is a trademark of Magnaflux.
SpectrumGlide is a product of Eclipse Scientific

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