

Benthos 2216 pinger fluid

By Trevor Young (UH) on September 19, 2012

From: Trevor Young (U.Hawaii) on Wed, 19 Sep 2012

One of our old, hernia inducing, benthos 2216 pingers is in need of some oil in the transducer cavity. I'm told mineral oil is the thing to use. This pinger in particular seems to really love life (the only part of a ctd to survive a 2 sphere implosion at 3600m). I'd just hate to put the wrong fluid in and contribute to its demise. Is mineral oil the right thing to use?

Mahalo

Trevor Young

Marine Technician
Ocean Technology Group
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Reply From: Marshall Swartz (WHOI) on Wed, 19 Sep 2012

Trevor,
Use food grade mineral oil, Drakeol-35 or similar. It is non-toxic, non-hazardous, and will not decompose the components, wiring or transducer cover.. If you have someone there, such as at Eric Firing's group with DSPL SeaBatteries, the fluid used in the SeaBattery is Drakeol-35.

Marshall Swartz

Reply From: Scott Hiller (UCSD) on Wed, 19 Sep 2012

Trevor,

Dow Corning 200 fluid works well also, but it is a little harder to find.

Scott

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Scott Hiller - STARC
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