



Oceans 17

September 18-21, 2017

Anchorage, Alaska

Stand No.: 705

August 2017

Trelleborg Exhibits Innovative Eccofoam Materials at Oceans 2017

Trelleborg's applied technologies operation will be exhibiting its innovative Eccofoam® TG30 and TG32 materials at Oceans 2017 in Anchorage, Alaska in the U.S..

Trelleborg's applied technologies operation manufactures various grades of syntactic foams, called Eccofoam®, to meet customer requirements for deep-sea buoyancy applications. While at the show, attendees will be able to have a firsthand look at the new Eccofoam® TG30 and TG32 materials, which have depth ratings of 5,000 and 6,000 meters respectively.

Bob Kelly, Managing Director within Trelleborg's applied technologies operation, says: "One of the greatest challenges with manufacturing deep water syntactic foam is producing the lightest possible foam for a given depth. This translates into maximum uplift or buoyancy for the vehicle, which is what our customers are ultimately looking for.

"Our newest materials in our Eccofoam line are formulated with a high strength to weight ratio providing the maximum uplift or buoyancy per cubic foot. Eccofoam TG30 is rated for a depth of 5,000 meters and Eccofoam TG32 for of 6,000 meters. The uplift combined with the depth rating allows the customer the ability to design their vehicle with a lower volume buoyancy package, reducing costs and improving vehicle performance and handling.

"This is important because oceanographers depend on syntactic foams to suspend instrumentation in deep ocean studies. For these applications, the syntactic foam is used in either block form or custom-molded shapes for installation in manned and unmanned submersibles such as the legendary Alvin and Jason vehicles that were used to discover and explore the Titanic."



These two new materials complete the Eccofloat® range of materials which go from 1,000 meters to full ocean depth, allowing customers to select the most appropriate material for their application and depth needs.

Eccofloat® syntactic foam provides superior uplift for given depths and has a proven track record to provide maximum years of reliable service. The superior performance is achieved through the use of Trelleborg's Eccospheres®, hollow glass microspheres that are produced at Trelleborg's Boston, Massachusetts, facility. The ability to custom-manufacture and test this critical component of syntactic foam allows Trelleborg to provide materials with industry-leading strength to weight ratio.

Every autumn, the Marine Technology Society and the IEEE Oceanic Engineering Society sponsor OCEANS, a prestigious conference/exhibition that draws an international audience of more than 2,000 attendees who attend tutorials, workshops, demonstrations, government listening sessions and networking events.

Stop by stand 705 while attending the exhibition to speak with industry experts Bob Kelly and Will Ricci or visit www.trelleborg.com/applied-technologies.

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For press information:

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Notes to Editors:

Trelleborg's applied technologies operation and Trelleborg Group

As part of the Trelleborg Offshore & Construction Business Area of Trelleborg Group, Trelleborg's applied technologies operation manufactures and designs innovative and reliable polymer and syntactic material solutions for a wide range of industries including aerospace, screen printing, rail and motor sport. www.trelleborg.com/applied-technologies

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of SEK 31 billion (EUR 3.23 billion, USD 3.60 billion) and operations in about 50 countries. The Group comprises five business areas: Trelleborg Coated Systems, Trelleborg Industrial Solutions, Trelleborg Offshore & Construction, Trelleborg Sealing Solutions and Trelleborg Wheel Systems, and the operations of Rubena and Savatech. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. www.trelleborg.com.