



Underwater Intervention 2017

February 21 – 23, 2017

Ernest N. Morial Convention Center, New Orleans, LA, US

Stand No.: 119

February 2017

Trelleborg Exhibits New Materials at Underwater Intervention

Trelleborg's applied technologies operation will exhibit its new innovative Eccofloat® TG30 and TG32 materials, at Underwater Intervention in New Orleans, Louisiana in the U.S., on stand 119.

Underwater Intervention attendees will get a firsthand look at the new Eccofloat® TG30 and TG32 materials which have depth ratings of 5,000 and 6,000 meters respectively. Trelleborg manufactures various grades of syntactic foams, called Eccofloat®, to meet deep-sea buoyancy requirements for subsea applications. The new Eccofloat® materials provide ultra-low densities by selecting only the highest specification hollow glass microspheres, called Eccospheres®, and combining them within a rigid, high strength resin system.

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 Eccofloat line are formulated with a high strength to weight ratio providing the maximum uplift or buoyancy per cubic foot. Eccofloat TG30 is rated for a depth of 5,000 meters and Eccofloat TG32 is rated for a depth of 6,000 meters. The uplift combined with the depth rating allows 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 our Eccofoam® 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.

Eccofoam® 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, which are manufactured at the Boston, Massachusetts facility. The ability to custom manufacture and test this critical component of syntactic foam allows Trelleborg to produce industry leading strength to weight ratio materials.

For additional information at the exhibition, stop by stand A16 so speak with our industry experts Bob Kelly and James Guenard or visit www.trelleborg.com/appliedtechnologies.

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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.