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Freudenberg Helps Oil and Gas Customers Drill Deeper with Advanced Sealing Solutions and Services

Global sealing expert to showcase oil and gas applications at booth #2923 at the Offshore Technology Conference in Houston from May 2 – 5

From Angola to the Bahamas and from the Canary Islands to the North Sea, Freudenberg Sealing Technologies has helped its oil and gas customers perform their drilling operations safely in a variety of environments for years. Now, as those drilling operations move further offshore, the company is developing more robust sealing applications and expanded services to assist with these new environments.

“As our customers move into higher pressure environments found further offshore, they’re facing new challenges, especially concerning the increasing pressure put on the accumulators within their drilling systems,” said Mark S. West, product marketing, Accumulator Industry at Freudenberg Sealing Technologies. “As an innovative partner to our customers, we’re developing improved sealing designs and systems to help them perform at the higher pressures being encountered.”

Freudenberg Sealing Technologies has decades of experience in the development and production of hydraulic accumulators for a variety of applications, especially with the Automotive Industry. With the company’s acquisition of North American accumulator manufacturer Tobul Accumulator Inc. in 2014, Freudenberg has strengthened its technological expertise and further expanded its product range to special industry segments like oil and gas and agriculture.

Additionally, the company now offers global offshore, on-the-rig service and in-plant accumulator servicing by trained service engineers.

With this increased accumulator expertise a number of product advancements will be discussed at the Offshore Technology Conference (OTC), including:

- **High-pressure accumulator** – developed to operate at pressures up to 40,000 psi, this updated accumulator design includes an improved sealing system to allow the accumulator to perform better with longer service life at the higher pressures found deeper on the ocean floor.
- **Subsea Accumulator Monitoring** – developed to enable customers to remotely monitor various aspects of the accumulator system to indicate how the system is performing and what might be periodically considered for maintenance.
- **Portfolio of application-specific accumulators** – including stainless steel piston accumulators, bladder-type and diaphragm-type accumulators, and customizable piston accumulators for specific applications, dependent on customer needs.

While still in the development stage, Freudenberg Sealing Technologies is working on a robust, redundant charging system to better meet the needs of its oil and gas customers while enhancing the service life of the application. "We're confident that Freudenberg Sealing Technologies can help keep our customers' systems performing as safely and efficiently as possible," said West.

Attendees interested in more information about Freudenberg Sealing Technologies sealing solutions for the oil and gas industry can visit the company's booth #2923 at OTC 2016 taking place May 2 to 5 at NRG Park in Houston. The event allows energy professionals meet to exchange ideas and opinions to advance scientific and technical knowledge for offshore resources and environmental matters. For more information:

<http://2016.otcnet.org>.

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About Freudenberg Sealing Technologies

Freudenberg Sealing Technologies is a leading supplier, development and service partner serving customers in a wide variety of industries, including the automotive industry, civil aviation, mechanical engineering, shipbuilding, the food and pharmaceutical industries, and the agricultural and construction machinery industries. In 2015, Freudenberg Sealing Technologies achieved a turnover of more than EUR 2 billion, and had around 15,000 employees.

The company belongs to the Freudenberg Group which, with its business areas Seals and Vibration Control Technology, Nonwovens and Filtration, Household Products, and Specialities and Others, generated sales of more than EUR 7.5 billion in 2015 with approximately 40,000 employees in around 60 countries. For additional information, please visit www.fst.com.

About Freudenberg-NOK Sealing Technologies

Freudenberg-NOK Sealing Technologies runs the operative business of Freudenberg Sealing Technologies (FST) in the Americas. Being part of the global Freudenberg Group, the company is a leading producer of advanced sealing technologies for a variety of markets including: aerospace; agriculture; appliance; automotive; construction; diesel engine; energy; food and beverage; heavy industry; and pharmaceutical. Freudenberg-NOK Sealing Technologies is a joint venture between FST and NOK Corp. in Japan, is headquartered in Plymouth, Mich. and operates more than 20 facilities across the Americas. For additional information, please visit www.fst.com.

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