

## Press Release

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## Tognum to showcase upgraded MTU Series 4000 engine at International Workboat Show 2012

*Upgraded MTU 8V 4000 is world's first EPA Tier 3 commercial marine engine in its class.*

NOVI, Mich., Nov. 27, 2012 — Continuing its long tradition of reliable and efficient commercial marine power and propulsion systems, Tognum will display its upgraded MTU 8V 4000 M54 Ironmen workboat engine—the world's first EPA Tier 3 solution in its class—at the International Workboat Show, **booth 2601, Hall C**, in the Morial Convention Center in New Orleans, Dec. 5-7, 2012.

Designed for compliance with U.S. EPA Tier 3 emissions regulations without the use of exhaust aftertreatment, the upgraded MTU Series 4000 Ironmen commercial marine engines will be available in 2013 with 8, 12 or 16 cylinders for use in diesel-mechanical and diesel-electric propulsion systems or for powering on-board gensets. Installed in diesel-mechanical systems, the Ironmen engines will be able to cover power requirements from 750 to 2,680 bhp (560 to 2,000 kW), while diesel-electric drives and marine gensets will deliver 650 to 2,000 kW power output.

In addition, the portfolio of industry-leading commercial marine products in the MTU display at the International Workboat Show will include the 16V 2000 M61 engine and the MTU 12V4000 M24 Diesel Electric package.

Show attendees will also be able to learn about MTU **ValueCare**, a suite of dedicated service and support offerings that includes replacement parts and service solutions such as remote monitoring, maintenance contracts and remanufactured products specifically designed for MTU engines and systems.



The MTU 8V 4000 M54 Ironmen commercial marine engine.

#### **About MTU**

Under the brand MTU the Tognum Group markets engines and propulsion systems for applications in the marine, rail, power generation, oil and gas, agriculture, mining, construction and industrial, and defense markets. [www.mtu-online.com](http://www.mtu-online.com)

#### **About Tognum America**

Tognum America (formerly MTU Detroit Diesel) is a Tognum Group company and is responsible for the manufacture, sales and support of MTU and MTU Onsite Energy branded products in North and Latin America.

With its two business units, Engines and Onsite Energy, the Tognum Group is one of the world's leading suppliers of engines and propulsion systems for off-highway applications and of distributed power generation systems. These products are based on diesel engines with up to 9,100 kilowatts (kW) power output, gas engines up to 2,150 kW and gas turbines up to 45,000 kW.

The product portfolio of the Engines business unit comprises MTU engines and propulsion systems for ships, for heavy land, rail and defense vehicles, and for the oil and gas industry. The Onsite Energy business unit supplies distributed power generation systems carrying the MTU Onsite Energy brand. These comprise diesel engines for emergency power, prime power and continuous power, as well as cogeneration power plants based on gas engines and gas turbines that generate both power and heat. Tognum's product portfolio also features fuel-injection systems built by L'Orange.

In 2011, Tognum generated revenue of around €2.97 billion, and employs more than 10,000 people. Tognum has a global manufacturing, distribution and service structure with 24 fully consolidated companies, more than 140 sales partners and over 500 authorized dealerships at approximately 1,200 locations. Since September 2011, Engine Holding GmbH, a joint venture between Daimler AG and Rolls-Royce Group plc, has a majority holding in Tognum.