

NEWS RELEASE

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Press Information

May 20, 2011



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MTU to feature underground-optimized engines at CIM Conference and Exhibition in Montreal

MONTREAL, Quebec, Canada – Leading diesel engine manufacturer [MTU](#) will be displaying the newest generation of its Series 460 and Series 906 engines at the Canadian Institute of Mining ([CIM](#)) Conference and Exhibition in Montreal, Quebec, Canada, May 22–25 (booth #1905). The MSHA-CANMET-certified Series 906 engine is underground-optimized for use in all underground mining. The Series 460 is being introduced for hard rock underground mining with plans to seek MSHA-CANMET certification in the future. Both engines have wide application in powering loaders, haulers and drilling equipment. Additionally, both engine series can be equipped with factory-installed SCR exhaust aftertreatment, making them EPA Tier 4i certified for above-ground use.

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“MTU engines are well suited for both underground and surface mining, delivering power and acceleration while minimizing fuel consumption and emissions,” says Scott Woodruff, global director of mining sales, [MTU](#). “They also have a low noise factor, which is especially relevant for underground mining applications.



MTU offers both the Series 904 and Series 906 for underground mining applications. The Series 904 is configured as an inline 4-cylinder with power ratings from 75 - 130 kW (101 - 174 bhp) and a total displacement of 4.8 liters (293 cubic inches). On display at the show will be the MTU Series 906 engine, which is configured as an inline 6-cylinder with power ratings from 150 kW to 205 kW (201 to 275 bhp). It has a total displacement of 6.4 liters (391 cubic inches) and four valves per cylinder, and features turbocharging with charge-air cooling. The latest generation of this series can be equipped with factory-installed selective catalytic reduction (SCR) exhaust aftertreatment. The engine series meets MSHA-CANMET underground standards and, when equipped with SCR, meets EPA Tier 4i standards for above-ground use.

The MTU Series 460 engine is configured as an inline 6-cylinder with a power range of 220 to 375 kW (295 to 503 bhp). It has a total displacement of 12.8 liters (781 cubic inches) and four valves per cylinder, and features turbocharging with charge-air cooling. Engines with SCR aftertreatment have engine-mounted SCR components that include the DEF dosing unit. Vehicle-mounted SCR components include a combined SCR catalyst and muffler, DEF supply unit and SCR control unit.

Also on display in the MTU booth at CIM will be various wear parts for the [MTU Detroit Diesel 2-Cycle](#) engines, such as cylinder kits, filters, coolant and oil. Legacy 2-Cycle engines are still in wide use for above-ground mining applications, such as powering small quarry trucks and auxiliary equipment.

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About MTU

MTU Detroit Diesel, Inc. is the North American regional headquarters of MTU Friedrichshafen GmbH, one of the world's most important providers of diesel engines and drive and propulsion systems for ships, heavy-duty land and rail vehicles, and distributed energy. It offers a complete line of power solutions from 30 to 12,200 bhp (20 to 9,100 kW) for applications in the marine, rail, power generation, oil and gas, agriculture, mining, construction and industrial, and defense markets. MTU Detroit Diesel, Inc. is the sales and after-sales organization of the Tognum Group in North America. www.mtu-online.com



Tognum

With its two business units, Engines and Onsite Energy & Components, the Tognum Group is one of the world's leading suppliers of engines and propulsion systems for off-highway applications and of distributed energy 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 portfolio of the Onsite Energy & Components business unit includes distributed energy systems of the brand MTU Onsite Energy and fuel-injection systems from L'Orange. The energy systems comprise diesel engines for emergency standby 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.

In 2010, Tognum generated revenue of around €2.56 billion and employs more than 9,000 people. Tognum has a global manufacturing, distribution and service structure with 25 fully consolidated companies, more than 140 sales partners and over 500 authorized dealerships at approximately 1,200 locations. The shares of Tognum AG (ISIN: DE000A0N4P43) have been stock-exchange listed since 2007 and are included in the MDAX.

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