

For worldwide release: February 12, 2009

Release Number: M01PR09

High power, low emissions: C32 ACERT marine engine available with 1,417 kW EPA Tier 2-compliant pleasure craft rating

Hamburg, Germany – Cat[®] C-series, electronically-controlled, high-speed marine engines are recognised for their sustainable performance, combining high power, low emissions and state-of-the-art fuel consumption. At this year's Miami International Boat Show, Caterpillar will present another high-performance rating for its C32 ACERT model used in pleasure craft applications.

Produced to highest standards

The Cat C32 ACERT is a vee-type, 12-cylinder, 4-stroke marine engine with 145 mm bore and 162 mm stroke displacing total 32.1 litres. With its new EPA Tier 2-compliant E-rating, this engine provides 1,417 kW (1,925 mhp) at 2,300 rpm. Like all smaller C-series marine engines from C7 through C32, the new model is manufactured in Caterpillar's most-modern Marine Center of Excellence (MCOE) in Greenville, South Carolina, USA.

At the MCOE, marine personnel including design engineers, application and installation engineers and customer support staff work together building complete products and controlling all aspects of the manufacturing process to ensure the highest quality standards. The MCOE further demonstrates Caterpillar's commitment to pleasure craft by blending cutting-edge processes with the ability to produce order-specific products and thus improved value for customers.

From good to great

The new C32 ACERT rating with 1,417 kW (1,925 mhp), specifically designed for pleasure craft applications, has 15 percent more power than the former C32 version without ACERT technology. Introducing a smaller and more robust engine block, the C32 ACERT engine is

designed to be particularly durable, reliable and fuel-efficient. It offers the latest Mechanically actuated Electronically controlled Unit Injection (MEUI) fuel system, Caterpillar's latest ADEM™ A4 Electronic Control Unit (ECU) and responsive twin turbo-charging and after-cooling.

In addition, maintenance and robustness have been improved for the C32 ACERT engines. All standard maintenance items are mounted on the service side for easy access. The gear-driven water pump is self-priming. A titanium plate heat exchanger with integrated fuel cooler offers extended durability.

ADEM software, which precisely determines fuel delivery, air management and all other engine functions, has been modified for the increased power rating and EPA Tier 2-compliant emission levels. Multiple fuel injection inserts fuel into the combustion chamber in a series of accurately timed "micro bursts". These features combine to provide lower specific fuel consumption, particularly at part load, and also reduce smoke and emissions while delivering reliable maximum power output.

A wealth of services

Providing great engine technology is one thing. Caterpillar, however, also offers yacht owners a comprehensive range of related services which, for example, permit the combining of financing and extended warranties into a lifetime customer care solution. Cat Financial provides world-wide construction, term and repower financing for ships with Cat marine engines. Cat Insurance offers Extended Service Coverage (ESC) for both new and used engines. Platinum ESC is available for 36-, 48- or 60-month periods and for up to 6,000 operating hours from date of delivery on any new Cat propulsion engine or generating set. Advantage Platinum ESC covers propulsion engines less than eight years old and is available for 12-, 24- or 36-month periods, extending coverage for up to a total of 10 years.

In addition to all this, every Cat marine engine sold comes with an unmatched global sales and service network. More than 2,100 dealer locations across the world offer product support and spare parts when needed. More importantly, 120,000 dealer employees are pledged to provide

maximum customer care. Together with 100,000 Caterpillar employees whose job is to provide product and manufacturing excellence, they make up the unique Team Caterpillar.

Preferred power

The 1,417 kW (1,925 mhp) high-performance rating for C32 ACERT marine engines provides ideal power for demanding planning-hull applications like cruising yachts, performance yachts and sport fishing. In fact, well-known yacht builders like Hatteras, Sunseeker, Viking, Azimut and Riviera, to name but a few, have relied on Cat C-series products from the very beginning. With the increased ratings now available, customers are likely to see even more impressive boat designs with even better performance soon.

Improved performance from advanced Cat C-series engines not only means more power overall, but also better acceleration, more reserve power and rated power available at a wider speed range. Needless to say for an engine with ACERT technology, the C32 ACERT operates virtually smoke free under steady-state operation as well as under acceleration. Taking also into account proven reliability, power density and fuel economy, it is easy to see the new EPA Tier 2-compliant C32 ACERT marine engines becoming the preferred source of power for yacht builders and owners world-wide.

Characters: 5,120

Pictures available on request:

- 1.) Cat C32 ACERT Marine Engine for Pleasure Craft**

About Caterpillar Marine Power Systems

Caterpillar Marine Power Systems, with headquarters in Hamburg, Germany, groups all the marketing and service activities for Cat and MaK marine engines within Caterpillar Inc. The organisation provides premier power solutions in the medium- and high-speed segments with outputs from 93 to 16,000 kW in main propulsion and 10 to 7,680 kWe in marine generator sets. The sales and service network includes more than 2,100 dealer locations world-wide dedicated to support customers in ocean-going, commercial marine and pleasure craft wherever they are.

More information is available at: www.Marine.Cat.com.

About Caterpillar

For more than 80 years, Caterpillar Inc. has been making progress possible and driving positive and sustainable change on every continent. With 2007 sales and revenues of \$44.958 billion, Caterpillar is a technology leader and the world's leading manufacturer of construction and mining equipment, clean diesel and natural gas engines and industrial gas turbines.

More information is available at: www.Cat.com.

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