Cummins to showcase new 6.7 litre marine propulsion engine

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Cummins Inc. will be showcasing its new QSB6.7 marine propulsion engine for the first time in Europe at Boot Düsseldorf 2013. Typical applications for this engine include yachts, workboats, special vessels, fishing boats, military vessels and high speed RIBs. The new engine offers unrivaled performance, without sacrificing fuel economy. It also provides a cleaner, quieter and more sociable environment. The launch of the QSB6.7 will provide both commercial and recreational ratings from 250-550 hp.

The Cummins QSB6.7 provides more torque, which means better acceleration and maintained speed through turns. A pair of QSB5.9 480 hp engines installed in a pod-driven 44-foot express cruiser test boat accelerated the boat to 20 mph in 14 seconds, while the same boat powered by QSB6.7 480 hp engines accelerated to 20 mph in just 8 seconds, with little change to the legendary QSB fuel economy. The QSB6.7 also employs a new fuel calibration strategy: Unlike most marine engines, the QSB6.7 is calibrated for optimal fuel economy at cruising speeds, where the engine is most often used, rather than at wide-open throttle.

The QSB6.7 is sociably improved, meeting EU Stage IIIA emissions standards. It offers exceptionally low cold-start smoke levels, and significant sound reduction at cruise and rated speeds compared to the QSB5.9.

Operationally the QSB6.7 has improved with loads of new features. The standard fuel system is compatible with low lubricity fuels. With the use of Ultra Low Sulfur Diesel (ULSDs) this engine offers extended oil change intervals, providing fewer oil changes and more time on the
Another notable feature of the QSB6.7 is the PTO capability. The power steering and hydraulic pumps are gear driven, providing a substantial reliability improvement over belt-driven systems. For accessories that must be belt driven, such as a clutched Freon compressor, there is an additional belt driven PTO location above the seawater pump.

Engine ratings for the new Cummins QSB6.7 will include 380 and 425 mhp high output and intermittent duty and 480 and 550 mhp high output and government service. These ratings will be available for inboard and Zeus® pod-drive applications. Other ratings include commercial ratings from 250-305 mhp.

Cummins has strong support capability across Europe, providing full aftermarket support across its recreational and light commercial marine product range. This includes the provision of service, repairs and maintenance, and the supply of parts, and engine consumables. Cummins delivers local support through a network of Service locations, providing rapid response in-house or at the customer’s location.

The new QSB6.7 marine engine will be on display during Boot Düsseldorf 2013 at Cummins booth 10G21 in Hall 10.