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March 14, 2018

Mobil SHC™ Aware™ Gear Series oils secure additional thruster manufacturer approval

Oils meet Vessel General Permit definition of Environmentally Acceptable Lubricants

- Thruster manufacturer ZF has approved Mobil SHC™ Aware™ Gear Series oils
- Performance benefits include extended oil life and excellent equipment protection
- The ZF announcement is the latest in a long list of approvals

London, UK, 2018 – Leading thruster manufacturer ZF has approved ExxonMobil's Mobil SHC™ Aware™ Gear 100 and Mobil SHC™ Aware™ Gear 150 oils for use in its marine propulsion systems. These high performance lubricants are suitable for use in controllable pitch propellers and thrusters, enclosed gear drives and in systems where readily biodegradable and minimally toxic fluids may be required due to potential water-oil interface.

The synthetic oils, which comply with the US Vessel General Permit (VGP) definition of Environmentally Acceptable Lubricants (EAL), provide excellent lubrication even under severe conditions. Benefits include protection against cavitation and other wear issues along with resistance to rust and corrosion.

Both Mobil SHC Aware Gear 100 and Mobil SHC Aware Gear 150 possess outstanding oxidation properties, which help to extend oil life, and have a wide operating temperature range with excellent low temperature start-up. Furthermore, their wide-ranging seal compatibility helps to minimise leaks.

The ZF announcement adds to the approvals already issued to ExxonMobil's Mobil SHC™ Aware™ Gear Series. Nakashima, HHI Hyundai and KTE Nakashima Korea have previously approved the oils for use in their thrusters, while Kemel, BVI and Hwaseung R&A have endorsed the oils for use with their seals.

"The approval from ZF further highlights the performance benefits of Mobil SHC Aware Gear Series oils," said Iain White, global field engineering manager, ExxonMobil Marine. "These lubricants can help ensure operators comply with the VGP regulations, while simultaneously benefiting from reduced maintenance and operating costs."

The Mobil SHC™ Aware™ range of EALs also comprises a stern tube oil, a hydraulic oil and general deck grease.

For more information on the Mobil SHC Aware Series oils, please visit mobilshcaware.com.

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