News Release



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FOR IMMEDIATE RELEASE 23 April 2018

ExxonMobil's new Mobil SHC™ Aware™ HS Series hydraulic oils deliver enhanced equipment protection*

Environmentally Acceptable Lubricants (EALs) offer excellent performance and regulatory compliance

- Excellent hydraulic system protection under challenging marine operating conditions
- Meet Eaton-Vickers 35VQ25 and Denison HF-1, HF-2 and HF-6 specifications¹
- Formulated to help extend life of equipment*

Houston 23 April 2018 – ExxonMobil's new Mobil SHC[™] Aware[™] HS (Hydraulic System) Series hydraulic oils are specially formulated to offer excellent protection, even in challenging marine operating environments. The oils meet the US Vessel General Permit² (VGP) requirements for Environmentally Acceptable Lubricants³, making them ideal for operators in US inland and coastal waters.

The new oils' balanced formulation helps to offer a range of performance benefits, including:

- Protection across a wide temperature range
- Superior low-temperature start-up*
- High resistance to oxidation and thermal damage* as well as excellent shear stability, which helps ensure a long operating life

The Mobil SHC Aware HS Series oils have passed the Eaton-Vickers 35VQ25 pump test and also meet Denison HF-1, HF-2 and HF-6 specifications. The combination of these OEM approvals highlights the hydraulic performance of the lubricants.

"Based on our proprietary Mobil Hydraulic Fluid Durability (MHFD) testing, Mobil SHC Aware HS Series lubricants keep hydraulic systems cleaner for longer⁴," said JR Hand, US marine chief engineer at ExxonMobil. "This helps ensure outstanding performance, even under harsh conditions, safeguarding equipment against unscheduled maintenance and associated costs."

Mobil SHC Aware Hydraulic HS lubricants are ideal for use in hydraulic equipment where VGP compliance is required and are suitable for a wide range of marine applications. These include hydraulic winches, ramps, hatches, doors, cranes and pumps and other deck equipment.

The new lubricants will be sold alongside Mobil SHC™ Aware™ H Series oils and will initially be offered throughout the United States.

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https://www.exxonmobil.com/en/marine

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¹Meets ISO grades 32, 46 & 68

²Mobil SHC[™] Aware[™] HS complies with US EPA VGP 2013 based on EU Ecolabel

³Environmentally acceptable lubricants are defined in the United States Environmental Protection Agency's (EPA) 2013 Vessel General Permit (VGP) as lubricants that are biodegradable, minimally toxic and nonbioaccumulative

⁴Compared with Mobil DTE™ 20 Series

About ExxonMobil

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^{*}Compared with conventional mineral lubricants