MAN Diesel & Turbo



ENOC Lubricants Marketing ENOC House 1 P.O. Box 6442 Dubai **United Arab Emirates**

Att.: Mr Prashant Bhatt, Manager Lubricants Technology

EELDF1/JUSV /CEN/19984-2015

29 May 2015

No Objection Letter: Cylinder Lube Oil from ENOC Lubricants, Strata Cyl 5100, 100 BN, **SAE 50**

Dear Mr Prashant Bhatt,

MAN Diesel & Turbo has participated in the testing of the basic additive package that is part of Strata Cvl 5100, 100 BN, SAE 50 (the "Lube Oil") in 2013-2014 according to our prevailing field testing procedure (the "Field Test"). The Field Test was performed on a 6S80ME-C9.1 MAN B&W engine. The Field Test included 1000 service hours and inspections by MAN Diesel & Turbo at the start and the end of test.

MAN Diesel & Turbo has evaluated the Field Test and found the performance of the Lube Oil acceptable. Different engine types and different engine operation conditions may require different cylinder lubrication needs. Consequently, the result of this Field Test cannot be held out as a general statement.

MAN Diesel & Turbo has No Objection to the usage of the Lube Oil in our MAN B&W twostroke engine designs provided that the recommendations in our prevailing engine-type specific guidelines are followed.

Engine-type specific guidelines, engine-design, operation pattern, legislation and economic conditions all influence the lubrication in a direct or indirect way and they are all subjected to changes. As a consequence, MAN Diesel & Turbo reserves the right to revise or withdraw the No Objection to the usage of the Lube Oil if the usage of the Lube Oil is deemed to not be applicable for all or certain engines types.

Quality assurance and monitoring of product performance are important. We expect that ENOC Lubricants has processes in order to assure that the quality of the product is acceptable and suitable for its intended use.

HEAD OFFICE (& postal address) PrimeServ MAN Diesel & Turbo Teglholmsgade 41 2450 Copenhagen SV Denmark

Phone: +45 33 85 11 00 +45 33 85 10 30 mandiesel-cph@mandieselturbo.com www.mandieselturbo.com

Teglholmsgade 41 2450 Copenhagen SV Denmark Phone: +45 33 85 11 00 Fax: +45 33 85 10 49

PRODUCTION Teglholmsgade 35 2450 Copenhagen SV Denmark Phone: +45 33 85 11 00 Fax: +45 33 85 10 17

PrimeServ-cph@mandieselturbo.com manufacturing-dk@mandieselturbo.com

FORWARDING & RECEIVING Tealholmsgade 35 2450 Copenhagen SV Denmark Phone: +45 33 85 11 00 Fax: +45 33 85 10 16 shipping-cph@mandieselturbo.com

MAN Diesel & Turbo Branch of MAN Diesel & Turbo SE, Germany CVR No.: 31611792 Head office: Teglholmsgade 41 2450 Copenhagen SV, Denmark German Reg.No.: HRB 22056 Amtsgericht Augsburg

MAN Diesel & Turbo – a member of the MAN Group WU

MAN Diesel & Turbo



As the Lube Oil is neither produced nor sold by MAN Diesel & Turbo, MAN Diesel & Turbo cannot be held responsible for any damage to the engine or engine components that may be caused by the use of the Lube Oil. Only the full and complete version of this No Objection Letter may be reproduced and/or displayed by the receiver.

Best regards,

MAN Diesel & Turbo

Julia Svensson

Engine Process Research (EELDF1)

Research and Development, Marine Low Speed Email: LD@mandieselturbo.com

Jun