



Texas Petrochemical Asia Pacific Pte Ltd
80, International Road
Singapore 629170
Att.: Mr Meng H, NG

EEEDF4/JUSV/CEN/42599-2017

14 August 2017

No Objection Letter: Cylinder Lube Oil from TEXAS Petrochemical, TEXAS TEXMARINE 700 SAE 50 TBN 70, 70 BN, SAE 50

Dear Mr Meng

MAN Diesel & Turbo has participated in the testing of the basic additive package that is part of **TEXAS TEXMARINE 700 SAE 50 TBN 70, 70 BN, SAE 50** (the "Lube Oil") according to our prevailing field testing procedure (the "Field Test"). The Field Test was performed on a 12K98MC-C MAN B&W engine. The Field Test included more than 4000 service hours and inspections by MAN Diesel & Turbo at the start, intermediate 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 feed rates and or oil type. 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 two-stroke 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 **TEXAS Petrochemical** as processes in order to assure that the quality of the product is acceptable and suitable for its intended use.

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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

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