

Lubricant Company, SINOPEC Corp. 455 Gaoyang Road; Hongkou District Shanghai, P.R. China P.C:200080 Att.: Ms Yu Qiaozhen

LDF1/JUSV /BAN/217917-2012

2 November 2012

Update: No Objection Letter for cylinder lube oil from SINOPEC, SINOPEC Marine Cylinder Oil 5055, 55 BN, SAE 50

Dear Ms Qiaozhen,

This updated No Objection Letter (NOL) will replace the preceding NOL with case nr: 125119-2012 from MAN Diesel & Turbo (MDT).

MDT has participated in the testing of the basic additive package that is part of SINOPEC Marine Cylinder Oil 5055, 55 BN, SAE 50 (the "Lube Oil") in the period between 2010 and 2011 according to our prevailing field testing procedure (the "Field Test"). The Field Test was performed on a 6S90ME-C MAN B&W engine and covered engine operation on heavy fuel oil (HFO). This Field Test included 4000 service hours and inspections by MDT at the start and end of the Field Test.

MDT have 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.

Except from the engine designs set out below, MDT 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.

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MDT is not able to recommend the usage of the Lube Oil on our following newer engine designs:

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- Mark 9 and further (e.g. S80ME-C9)
- all G-type engines.

As the Lube Oil is neither produced nor sold by MDT, MDT 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 NOL may be reproduced and/or displayed by the receiver.

Best regards, MAN Dieseł & Turbo

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*∣/*Julia Švensson

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