MAN Diesel & Turbo



GazPromNeft - Lubricants Ltd Krzhizhanovskogo str., 14/3A 117218 Moscow Russia

Att.: Mr Alexander Trukhan, General Director

EELDF1/JUSV /CEN/7553-2016

23 February 2016

No Objection Letter: Cylinder Lube Oil from GazPromNeft, Ocean CCL 40 LSF, 40 BN, SAE

Dear Mr Trukhan

MAN Diesel & Turbo has participated in the testing of the basic additive package that is part of OCEAN CCL 40 LSF, 40 BN, SAE 50 (the "Lube Oil") according to our prevailing field testing procedure (the "Field Test"). The Field Test was performed on a MAN B&W mark 9, 6 cylinder, 35 centimetre bore engine. The field test included 500 testing hours and inspections at start, intermediate and 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 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 GazPromNeft has processes in order to assure that the quality of the product is acceptable and suitable for its intended use.