

MAN Energy Solutions, 2450 Copenhagen, Denmark

ELINOIL

Hellenic Petroleum Company S.A.

33 Pigon Str., 145 64 Kifissia,

Athens - Greece

Att.: George Galanopoulos

Email: info@elin.gr

Copenhagen, 16 December 2024

EDD3/ELMO/EL
UC/JAP/BSAM
Case No.:
39607-2024

No Objection Letter for cylinder oil ELIN CDO 40 MC II, 40BN, SAE 50, Category 2, Group 1 from ElinOil

Dear Mr. George Galanopoulos,

MAN Energy Solutions (MAN ES) have participated in the testing of cylinder oil **ELIN CDO 40 MC II, 40BN, SAE 50, Category 2, Group 1** (the "Lube Oil") in 2024 according to our prevailing field testing procedure (the "Field Test"). The Field Test has been performed on a MAN B&W engine within the guidelines for the intended use of the oil above.

MAN ES 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 feed rates and or oil type. Consequently, the result of this Field Test cannot be held out as a general statement.

MAN ES have 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.

This No Objection is valid for three years from the date of issue. Before the period is ended, **ElinOil** can apply for a renewal of the No Objection.

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 subject to changes. As a consequence, MAN ES reserve 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.

MAN Energy Solutions
Tegholmegade 41
2450 Copenhagen SV
Denmark

P +45 33 85 11 00
F +45 33 85 10 30
info-cph@man-es.com
www.man-es.com

MAN PrimeServ
Tegholmegade 41
2450 Copenhagen SV
Denmark
P +45 33 85 11 00
F +45 33 85 10 49
PrimeServ-cph@man-es.com

PRODUCTION
Tegholmegade 35
2450 Copenhagen SV
Denmark
P +45 33 85 11 00
F +45 33 85 10 17
manufacturing-dk@man-es.com

FORWARDING & RECEIVING
Tegholmegade 35
2450 Copenhagen SV
Denmark
P +45 33 85 11 00
F +45 33 85 10 16
shipping-cph@man-es.com

MAN Energy Solutions
Branch of MAN Energy Solutions SE,
Germany
CVR No.: 31611792
Head office: Tegholmegade 41
2450 Copenhagen SV
Denmark
German Reg.No.: HRB 22056
Amtsgericht Augsburg

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

As the Lube Oil is neither produced nor sold by MAN ES, MAN ES 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 Energy Solutions

A handwritten signature in blue ink that reads 'Elham Moumeni'. The signature is written in a cursive style and is underlined with a blue line.

Elham Moumeni
Materials Technology Department
Research and Development, Marine Low Speed
Email: Lube2S@man-es.com