

Maersk Fluid Technology, Inc.
Attn.: Jens Byrgesen
Director, Global Sales and Marketing
One Commercial Place, 13th floor
Norfolk, Virginia 23510, - U.S.A.

Winterthur, 19.05.2011

**Subject: Letter of no objection for cylinder oil blended on board
with XOM additive RT2522-2. (BN 30 to BN120)**

Dear Sir,

Considering the information received from MFTI, the chemical and physical properties and the satisfactory laboratory bench tests results, we have no objection to the use of cylinder oil lubricant blended on board with with 2-stroke crank case system oil, up to 15% v/v of 4 stroke lubricating oil for a field test in a suitable vessel.

The system oil used for blending as well as the blended cylinder oil must be analyzed and documented; the analysis must be made transparent for each running hour and for each batch blended.

Wärtsilä does not take any responsibility for the functionality of the blending on board equipment. Wärtsilä disclaims any responsibility for damage or losses in case the equipment was used during the engine warranty period.

The application must comply with Wärtsilä lubricating oil requirements and recommendations. Lubricants should be used as recommended in the Wärtsilä Service Bulletin RT-18.4 and manuals. The supplying Oil Company and MFTI are responsible for the performance of the oil in service, to the exclusion of any liability of Wärtsilä Switzerland Ltd.

Yours faithfully,
Wärtsilä Schweiz AG



M. Wengle
General Manager Technical Services 2-stroke



S. Jumaine
Tribology Expert

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**Subject: Letter of no objection for cylinder oil blended on board
with BP additive BP R11014A. (BN 30 to BN120)**

Dear Sir,

Considering the information received from MFTI, the chemical and physical properties and the satisfactory laboratory bench tests results, we have no objection to the use of cylinder oil lubricant blended on board with 2-stroke crankcase system oil, up to 15% v/v of 4 stroke lubricating oil and BP R11014A additive package for a field test in a suitable vessel. The system oil used for blending as well as the blended cylinder oil must be analyzed and documented; the analysis must be made transparent for each running hour and for each batch blended.

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Dear Sir,

Considering the information received from MFTI, the chemical and physical properties and the satisfactory laboratory bench tests results, we have no objection to the use of cylinder oil lubricant blended on board with system oil and BP R 11014A additive package for a field test in a suitable vessel.

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