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Attn.:	Mr. Wim Stoop	Date:	08.07.98
Fax No.:	+31-181-264 494	No. of pages:	1
Subject:	Q8 Mahler MA 40 lube oil approval	Reference:	fst168

Urgent
 For Review
 For Information
 Please Comment
 Please Reply - ASAP

copy: Lab/A4/Lube/KP

Dear Wim

Please find enclosed our statement concerning the use of Q8 Mahler MA 40 lubricating oil.

The a.m. lubricating oil has gone through an official 4000-hour approval test in the Wärtsilä 34SG engine type. The condition of the inspected engine components as well as the used lubricating oil condition after the test were acceptable.

However, in the lube oil system of the test engine there was a relatively high amount of air present resulting the increase of the oil level in the crankcase. The possible reason can be the contamination of the oil batch in question, but that is afterwards difficult to prove. Due the extra air present in the lubricating oil, Wärtsilä NSD could not give the official approval for this lubricating oil. Another possibility for this problem can be too poor foaming/air release properties of this lubricating oil. However, the experiences with this product in the other engine types do not support this theory.

Based on our experiences gathered from this product so far, Wärtsilä NSD Technology has nothing against a 2000-hour field test in some Wärtsilä 34SG engine, where the oil level during the trial will be monitored. The detailed test conditions have to be agreed with Wärtsilä NSD Technology, prior the test start.

Kind regards

Kai Juoperi

Kai Juoperi
Senior Research Engineer - Engine Fluids