

## M&FTS Memorandum

To

Mr.D.Hodkinson, I&P,

Your Ref

Our Ref A/355/94 Ext 4633

Subject

Analysis of Kuwait Petroleum Lubricants

Analyses have been carried out on the following lubricants from Kuwait Petroleum with the corresponding results.

	F	Cl (all pp	Br	S
				1.80
Beethoven VNF-2 Beethoven M	<10 <10	<b>32</b> 0 390	<20 <20	4850
Beethoven T	<10	350 110	<20 <20	10720 10480
Brahms XNK Brahms XAT 230	<10 <10	280	<20	31000
Brahms XAT 410	<10	150	<20	23400

All the lubricants have relatively low chloride contents albeit marginally higher than normally considered acceptable for inclusion in NF0039/1. However compared with many lubricants they are extremely low and can be considered suitable for use on stainless steel. It would nevertheless be advisable to remove all traces of the lubricants as soon as possible after use according to NF 0140.

D.Butterworth

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