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Platform/Crane:	PLATFORM X/ PORT CRANE	Equipment:	MAIN SLEWING BEARING
		Manufacturer:	
Client:	LQS CUSTOMER	Grease Grade:	EXAMPLE-GREASE
Report Number:	LQS13-00123		

	Current				
LQS Reference	2013012345	2013001952	WTL13-00800-11	WTL13-00001-07	WTL12-01558-03
Sampling Point	PORT	PORT	PORT	PORT	PORT
Date Sampled	27/10/2013	13/09/2013	28/05/2013	30/12/2012	01/11/2012
Date Dispatched	04/12/2013	26/09/2013	04/06/2013	09/01/2013	02/11/2012
Dispatched From	HOUMA	HOUSTON	HOUMA	USA	GALLIANO
Equipment Service Hours	-	-	-	-	-

Analysis Name		Units	2013012345	20130101952	WTL13-00800-11	WTL13-00001-07	WTL12-01558-03
Colour		-	DARK BROWN		DARK BROWN	DARK BROWN	BROWN
Visible debris			No	No	Yes	Yes	Yes No
Emulsified Water		-	No	No	No	No	Yes
Homogeneous		-	Yes	Yes	No	Yes	0.40
Water Content	0.05	%	0.13	0.23	0.40	0.20	137
Aluminium		ppm	219	<10	253	62	11
Chromium		ppm	<10	<10	15	14	<10
Copper		ppm	<10	<10	<10	<1	1,192
Iron		ppm	479	224	2,430	917	<1
Lead		ppm	<10	<10	<1	<1	<1
Nickel		ppm	<10	<10	<10	11	282
Sodium		ppm	<10	<10	400	225	352
Silicon		ppm	286	<10	606	180	103
Magnesium		ppm	<10	<10	142	59	10
Manganese		ppm	<10	<10	25	11	<1
Molybdenum		ppm	<10	<10	<10	<10	320
Phosphorus		ppm	913	740	689	408	1,940
Lithium		ppm	1,845	1,520	1,948	1,963	1,734
Zinc		ppm	1,574	1,122	1,354	1,723	248
Calcium		ppm	<10	<10	1,440	168	
PQ Index		PQ	779	462			-
Rocking Tests					-	-	
Assembly Rating			В	В	С	В	С

Rating key:

A = Suitable for further service

B = Alert Levels

C = Remedial action required

D = Unsuitable Charge

Next Sample: 13/03/2014

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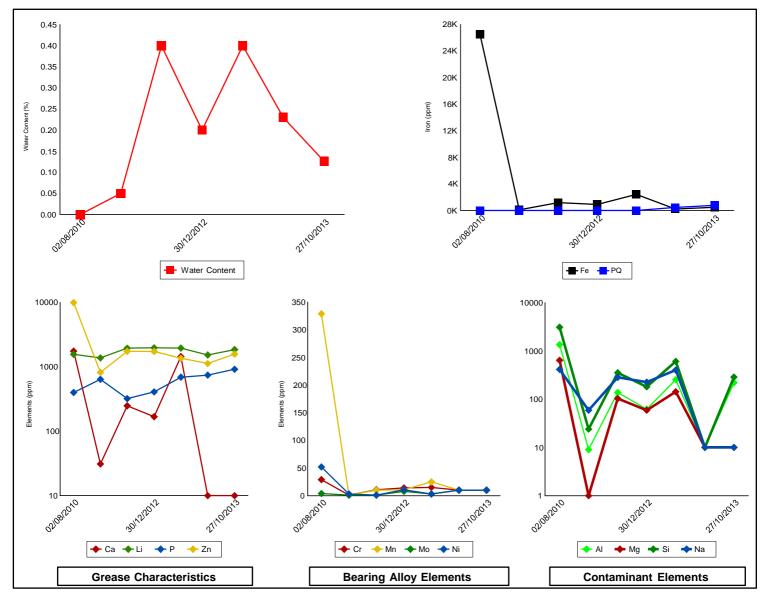
Intertek



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2013012345: LQS CUSTOMER - PLATFORM X -MAIN SLEWING BEARING



Comments on the Current Sample:

OIL RATING: The colour, appearance, water content and additive levels are acceptable in comparison with previous values.

UNIT RATING: The wear element iron remains at an elevated level and if not addressed may lead to undue raceway surface wear and indentation damage occurring.

ACTION: Increase greasing to ensure that ferrous corrosion identified in LQS debris report # LQS13-00XXX and any contamination present within the grease is eliminated and cannot contribute to a reduction in reliability.

This report is issued in support of the requirements of LOLER SI 1998 No.2307 and its associated technical guidance documents (HSG 221) for 'annual certification' of cranes operating in the offshore environment in the UK sector.

Next Sample: 13/03/2014

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Report Date: 05/12/2013

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