



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

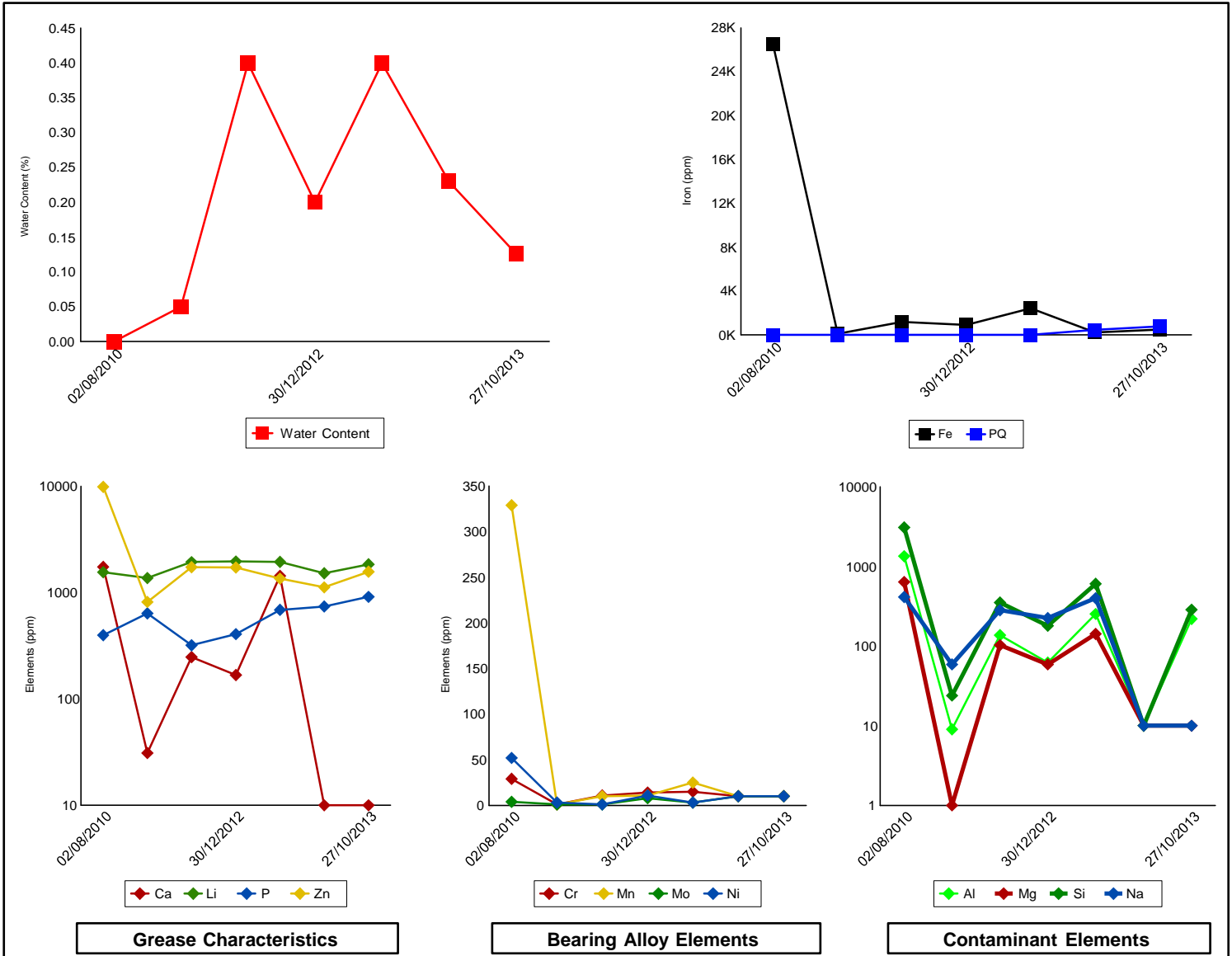
LQS Reference	Current 2013012345	2013001952	WTL13-00800-11	WTL13-00001-07	WTL12-01558-03
Sampling Point	PORT	PORT	PORT	PORT	PORT
Date Sampled	27/10/2013	13/09/2013	28/05/2013	30/12/2012	01/11/2012
Date Dispatched	04/12/2013	26/09/2013	04/06/2013	09/01/2013	02/11/2012
Dispatched From	HOUMA	HOUSTON	HOUMA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

Rating key: A = Suitable for further service B = Alert Levels C = Remedial action required D = Unsuitable Charge



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.

