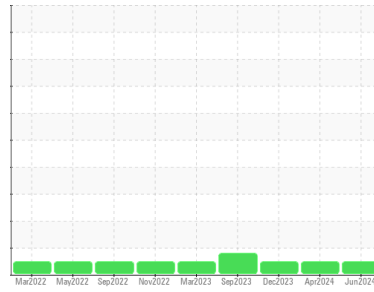




GREASE ANALYSIS

Area
WEST CRANE [14000590]
 Machine Id
170832 GREASE 180 SOUTH
 Component
Grease
 Fluid
IRVING LUBEX SYN 2 46 (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Grease Condition
 The condition of the grease is acceptable for the time in service.

Contaminants
 There is no indication of any contamination in the grease.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PP	PP	PP
Sample Date	Client Info	13 Jun 2024	18 Apr 2024	10 Dec 2023
Machine Age	hrs Client Info	0	0	0
Grease Age	hrs Client Info	0	0	0
Grease Serviced	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184* >200	370	1550	1890
Iron	ppm ASTM D5185(m) >250	72	61	88
Chromium	ppm ASTM D5185(m) >10	<1	<1	<1
Nickel	ppm ASTM D5185(m) >5	<1	<1	<1
Cadmium	ppm ASTM D5185(m)	0	0	0
Titanium	ppm ASTM D5185(m)	<1	0	0
Vanadium	ppm ASTM D5185(m)	0	0	0
Lead	ppm ASTM D5185(m) >25	0	0	<1
Copper	ppm ASTM D5185(m) >75	<1	<1	<1
Tin	ppm ASTM D5185(m) >5	0	0	0
Silver	ppm ASTM D5185(m) >5	<1	0	<1

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	10	10	9
Magnesium	ppm ASTM D5185(m)	27	25	28
Manganese	ppm ASTM D5185(m)	<1	<1	<1
Molybdenum	ppm ASTM D5185(m)	0	0	0
Phosphorus	ppm ASTM D5185(m)	238	240	256
Zinc	ppm ASTM D5185(m)	146	148	126
Antimony	ppm ASTM D5185(m)	0	0	0

THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185(m)	7	6	8
Barium	ppm ASTM D5185(m)	<1	<1	<1
Calcium	ppm ASTM D5185(m)	5487	5519	6077
Sodium	ppm ASTM D5185(m)	38	35	35
Lithium	ppm ASTM D5185(m)	94	103	85
Sulfur	ppm ASTM D5185(m)	951	965	906

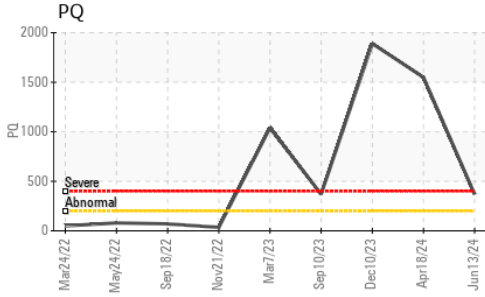
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >150	14	12	18
Potassium	ppm ASTM D5185(m)	3	3	2

GREASE CONDITION

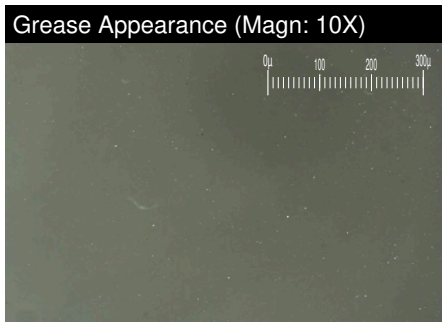
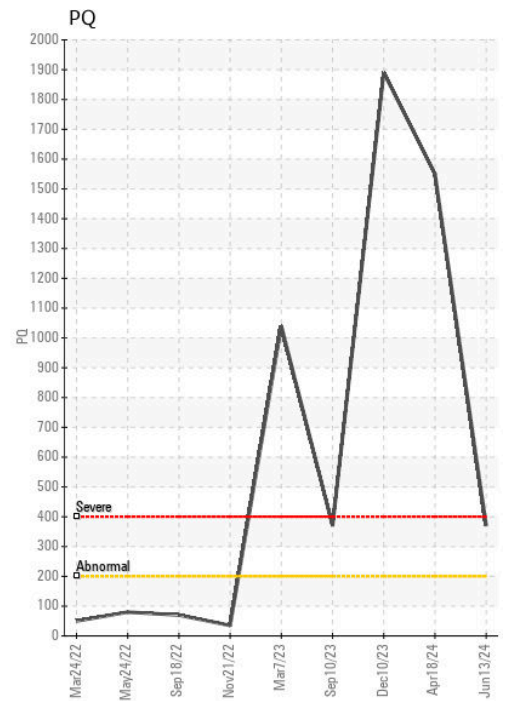
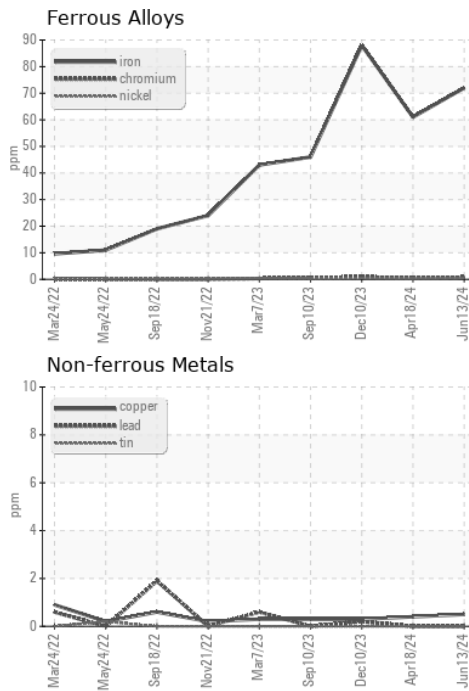
method	limit/base	current	history1	history2
Grease Color	Visual* Tan/Beige	Beige	Tan	Grey
Texture	In-house*	Buttery	Buttery	Buttery
NLGI Consistency	NLGI Scale SKF Method* 2	2	2	1

GREASE ANALYSIS



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					
PrtFilter					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PP
Lab Number : 02642201
Unique Number : 5799740
Test Package : GRS 1 (Additional Tests: BottomAnalysis)

HIBERNIA MGMT & DEVELOPMENT CO. LTD
 SUITE 1000,, 100 NEW GOWER STREET
 ST.JOHNS, NL
 CA A1C 6K3
 Contact: Sam Nash
 samantha.m.nash@exxonmobil.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

T:
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