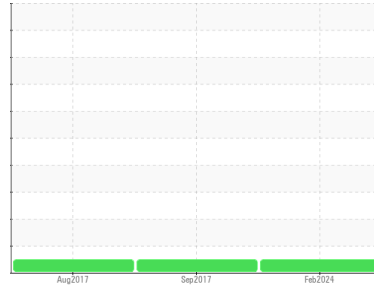


GREASE ANALYSIS

Sample Rating Trend

NORMAL



Area
CRANES
Machine Id
Crane - Mid - Bearing (S/N MA-04002)
Component
Aft Grease
Fluid
PETRO CANADA PRECISION XL EP2 (--- LTR)

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			PC0052009	PC408562	PC361503
Sample Date	Client Info			13 Feb 2024	28 Sep 2017	05 Aug 2017
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	4976	280	741
Iron	ppm	ASTM D5185(m)	>250	300	56	703
Chromium	ppm	ASTM D5185(m)	>10	<1	0	6
Nickel	ppm	ASTM D5185(m)	>5	<1	0	3
Cadmium	ppm	ASTM D5185(m)		0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	6
Vanadium	ppm	ASTM D5185(m)		0	0	<1
Lead	ppm	ASTM D5185(m)	>25	<1	0	2
Copper	ppm	ASTM D5185(m)	>75	<1	<1	1
Tin	ppm	ASTM D5185(m)	>5	0	0	2
Silver	ppm	ASTM D5185(m)	>5	0	0	0

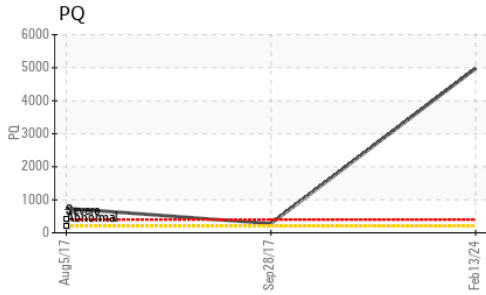
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		1	<1	2
Magnesium	ppm	ASTM D5185(m)		4	0	54
Manganese	ppm	ASTM D5185(m)		4	<1	6
Molybdenum	ppm	ASTM D5185(m)		40	12	62
Phosphorus	ppm	ASTM D5185(m)		41	10	15
Zinc	ppm	ASTM D5185(m)		39	3	61
Antimony	ppm	ASTM D5185(m)		5	<1	6

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		1	<1	331
Barium	ppm	ASTM D5185(m)		1	<1	8
Calcium	ppm	ASTM D5185(m)		84	34	1225
Sodium	ppm	ASTM D5185(m)		13	4	31
Lithium	ppm	ASTM D5185(m)		148	95	15
Sulfur	ppm	ASTM D5185(m)		544	520	764

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	2	<1	963
Potassium	ppm	ASTM D5185(m)		2	0	6

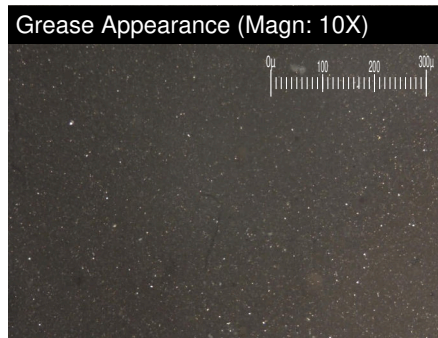
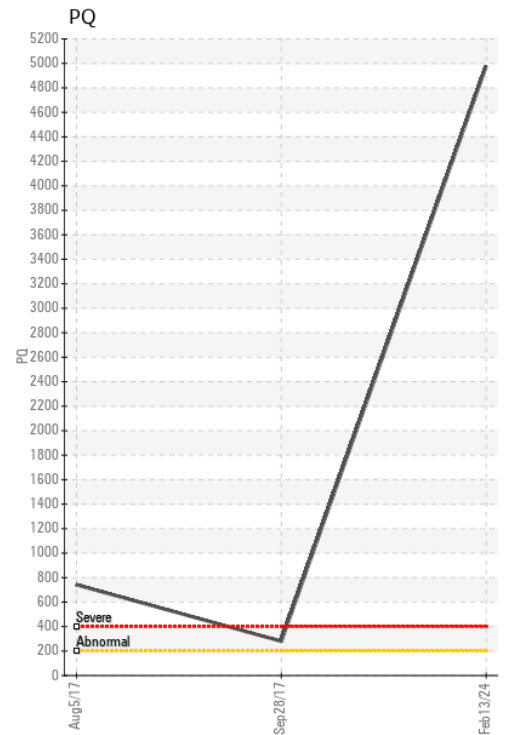
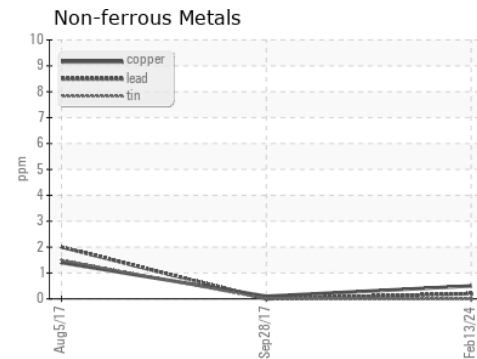
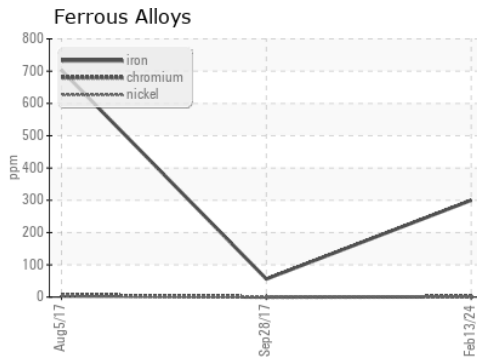
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color	Visual*		Brown	Black	Brown	---
Texture	In-house*		Stringy	Short fiber	Short Fiber	---
NLGI Consistency	NLGI Scale	SKF Method*	2	1	1-2	---

GREASE ANALYSIS



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					
PrtFilter					no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0052009 **Received** : 12 Mar 2024
Lab Number : **02621648** **Tested** : 13 Mar 2024
Unique Number : 5746767 **Diagnosed** : 14 Mar 2024 - Bill Quesnel
Test Package : GRS 1 (Additional Tests: BottomAnalysis)

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.

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