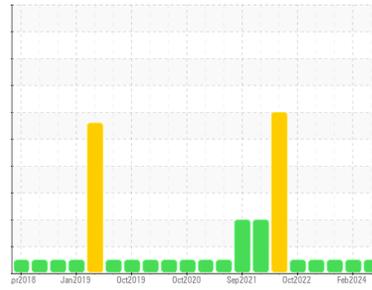




GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area
 Machine Id
Materials Handling/SE Pedestal Crane
WPD471261 CRANE PEDESTAL SOUTH EAST
 Component
270° Grease
 Fluid
MOBIL MOBILGREASE XHP 222 (--- GAL)

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	PP13994631	PP	PP13897520
Sample Date	Client Info	26 May 2024	16 Feb 2024	01 Jul 2023
Machine Age	hrs	Client Info	0	0
Grease Age	hrs	Client Info	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

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184*	>200	60	60
Iron	ppm	ASTM D5185(m)	>250	13
Chromium	ppm	ASTM D5185(m)	>10	0
Nickel	ppm	ASTM D5185(m)	>5	0
Cadmium	ppm	ASTM D5185(m)		0
Titanium	ppm	ASTM D5185(m)		0
Vanadium	ppm	ASTM D5185(m)		0
Lead	ppm	ASTM D5185(m)	>25	0
Copper	ppm	ASTM D5185(m)	>75	<1
Tin	ppm	ASTM D5185(m)	>5	0
Silver	ppm	ASTM D5185(m)	>5	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		11
Magnesium	ppm	ASTM D5185(m)		3
Manganese	ppm	ASTM D5185(m)		0
Molybdenum	ppm	ASTM D5185(m)		53
Phosphorus	ppm	ASTM D5185(m)		99
Zinc	ppm	ASTM D5185(m)		187
Antimony	ppm	ASTM D5185(m)		12

THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		0
Barium	ppm	ASTM D5185(m)		1
Calcium	ppm	ASTM D5185(m)		26
Sodium	ppm	ASTM D5185(m)		17
Lithium	ppm	ASTM D5185(m)		243
Sulfur	ppm	ASTM D5185(m)		740

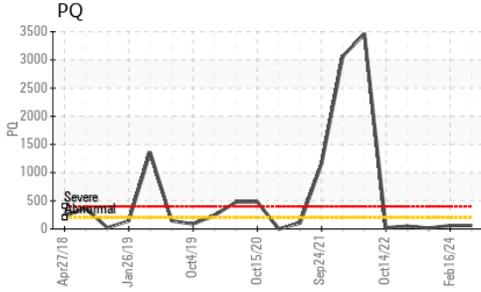
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	<1
Potassium	ppm	ASTM D5185(m)		1

GREASE CONDITION

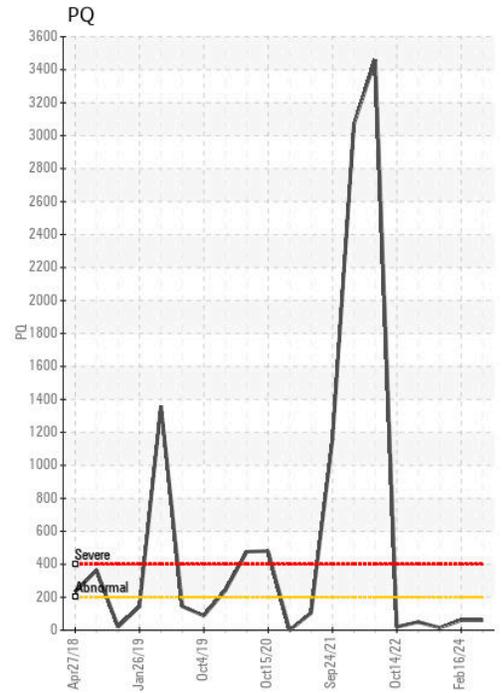
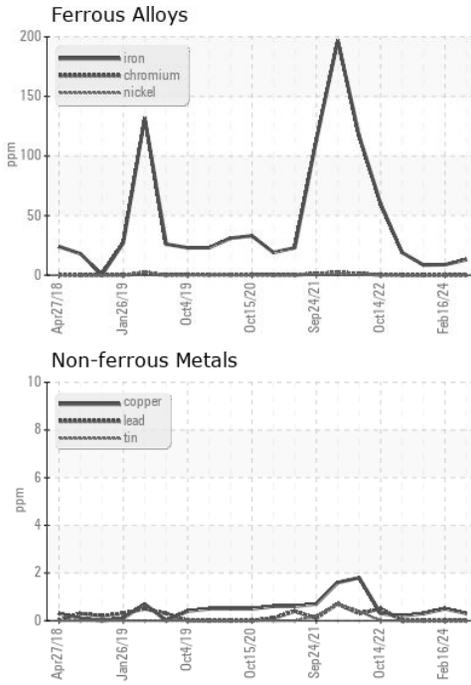
method	limit/base	current	history1	history2
Grease Color	Visual*	Dk Blue	Green	Green
Texture	In-house*		Buttery	Short fiber
NLGI Consistency	NLGI Scale	SKF Method*	2	2

GREASE ANALYSIS



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

GRAPHS



CALA
CONFORMANT ACCREDITED LABORATORY
 ISO 17025:2017
 Accredited
 Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PP13994631 **Received** : 13 Jun 2024
Lab Number : **02641884** **Tested** : 18 Jun 2024
Unique Number : 5799423 **Diagnosed** : 18 Jun 2024 - Kevin Marson
Test Package : GRS 1 (Additional Tests: BottomAnalysis)

ExxonMobil Canada East Ltd.
 Hebron-Materials and Repair Coordin, Suite 1000, 100 New Gow
 St. John`s, NL
 CA A1C 6K3
 Contact: Liam Maher
 liam.m.maher@exxonmobil.com
 T: (709)273-3729
 F:

*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.*