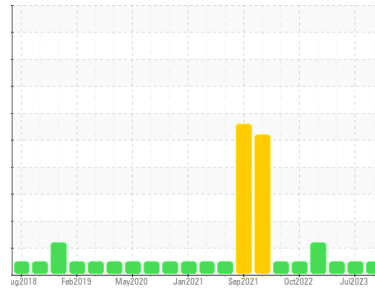




# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**Materials Handling/NE Pedestal Crane**  
 Machine Id  
**WPD471231 CRANE PEDESTAL NORTH 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	<b>PP</b>	PP13897519	PP13891525
Sample Date	Client Info	<b>27 Mar 2024</b>	01 Jul 2023	03 May 2023
Machine Age	hrs	<b>0</b>	0	0
Grease Age	hrs	<b>0</b>	0	0
Grease Serviced	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

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

## WEAR METALS

method	limit/base	current	history1	history2		
PQ	ASTM D8184*	>200	<b>0</b>	10	0	
Iron	ppm	ASTM D5185(m)	>250	<b>3</b>	2	5
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0	0
Copper	ppm	ASTM D5185(m)	>75	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185(m)		<b>7</b>	6	8
Magnesium	ppm	ASTM D5185(m)		<b>2</b>	2	3
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185(m)		<b>3</b>	4	5
Phosphorus	ppm	ASTM D5185(m)		<b>119</b>	119	136
Zinc	ppm	ASTM D5185(m)		<b>198</b>	184	184
Antimony	ppm	ASTM D5185(m)		<b>6</b>	6	8

## THICKENER/SOAP

method	limit/base	current	history1	history2		
Aluminum	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Calcium	ppm	ASTM D5185(m)		<b>7</b>	6	9
Sodium	ppm	ASTM D5185(m)		<b>14</b>	8	14
Lithium	ppm	ASTM D5185(m)		<b>210</b>	191	148
Sulfur	ppm	ASTM D5185(m)		<b>776</b>	687	765

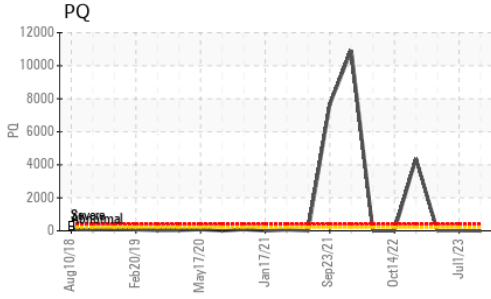
## CONTAMINANTS

method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185(m)	>150	<b>0</b>	<1	<1
Potassium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

## GREASE CONDITION

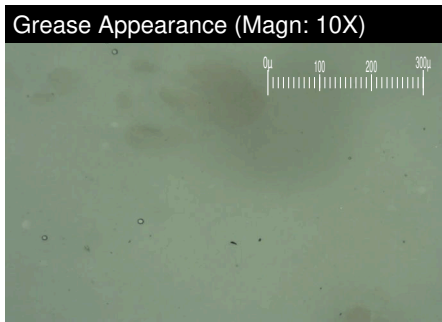
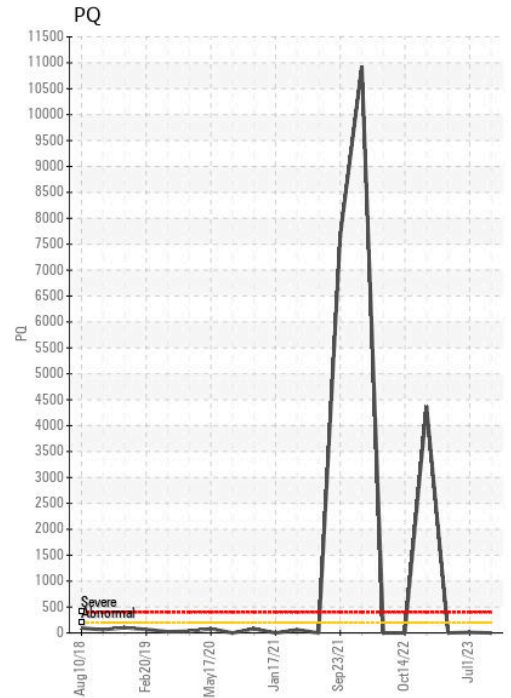
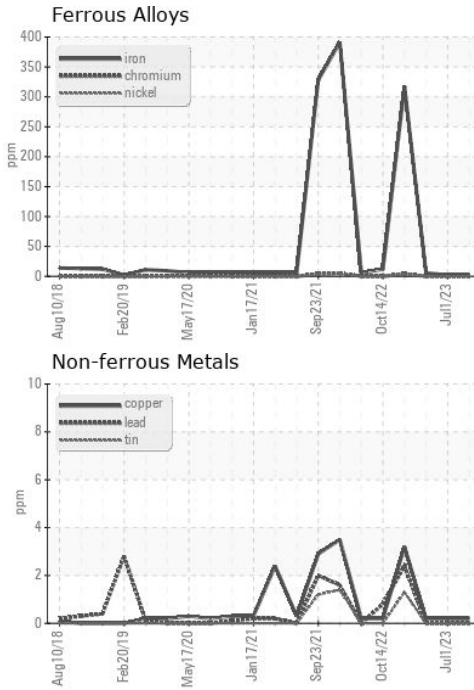
method	limit/base	current	history1	history2	
Grease Color	Visual*	Dk Blue	<b>Green</b>	Green	Green
Texture	In-house*		<b>Short fiber</b>	Short fiber	Stringy
NLGI Consistency	NLGI Scale	SKF Method* 2	<b>1-2</b>	2	2

# 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 **Received** : 28 Mar 2024  
**Lab Number** : **02625483** **Tested** : 03 Apr 2024  
**Unique Number** : 5750602 **Diagnosed** : 03 Apr 2024 - Bill Quesnel  
**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.