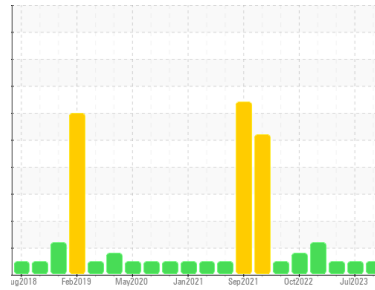




# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**Materials Handling/NE Pedestal Crane**  
 Machine Id  
**WPD471231 CRANE PEDESTAL NORTH EAST**

Component  
**180° 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>	14	10
Iron	ppm ASTM D5185(m) >250	<b>3</b>	3	4
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>2</b>	0	<1
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>6</b>	8	8
Magnesium	ppm ASTM D5185(m)	<b>2</b>	2	4
Manganese	ppm ASTM D5185(m)	<b>0</b>	0	<1
Molybdenum	ppm ASTM D5185(m)	<b>3</b>	5	5
Phosphorus	ppm ASTM D5185(m)	<b>116</b>	135	132
Zinc	ppm ASTM D5185(m)	<b>195</b>	213	190
Antimony	ppm ASTM D5185(m)	<b>5</b>	7	9

## THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185(m)	<b>0</b>	<1	<1
Barium	ppm ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Calcium	ppm ASTM D5185(m)	<b>8</b>	8	13
Sodium	ppm ASTM D5185(m)	<b>11</b>	13	21
Lithium	ppm ASTM D5185(m)	<b>205</b>	222	137
Sulfur	ppm ASTM D5185(m)	<b>774</b>	779	752

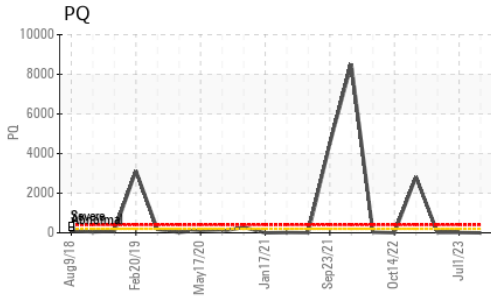
## CONTAMINANTS

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

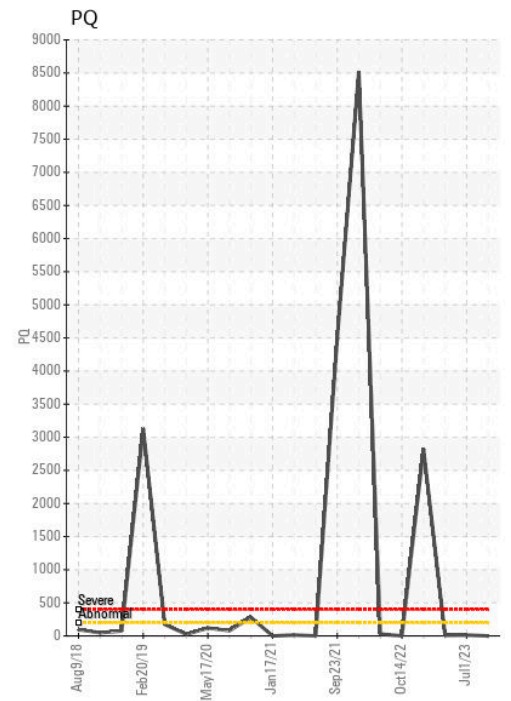
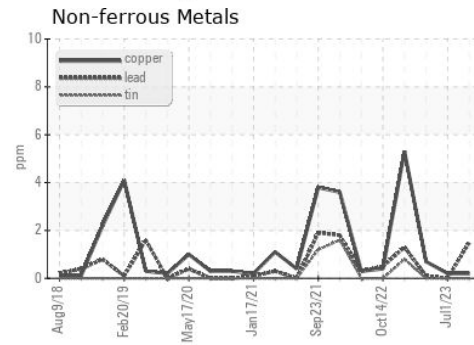
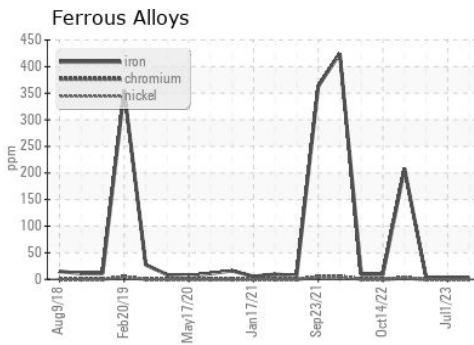
method	limit/base	current	history1	history2
Grease Color	Visual* Dk Blue	<b>Green</b>	Green	Green
Texture	In-house*	<b>Short fiber</b>	Short fiber	Buttery
NLGI Consistency	NLGI Scale SKF Method* 2	<b>1-2</b>	2	2

# GREASE ANALYSIS



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

## GRAPHS



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PP  
**Lab Number** : 02625482  
**Unique Number** : 5750601  
**Test Package** : GRS 1 ( Additional Tests: BottomAnalysis )  
**Received** : 28 Mar 2024  
**Tested** : 03 Apr 2024  
**Diagnosed** : 03 Apr 2024 - Bill Quesnel

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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