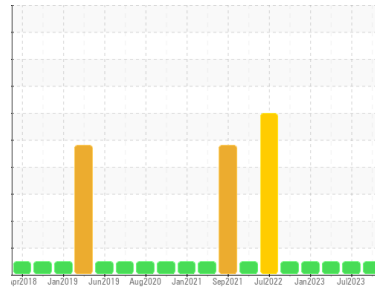




# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**Materials Handling/SE Pedestal Crane**  
 Machine Id  
**WPD471261 CRANE PEDESTAL SOUTH EAST**

Component  
**0° 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>PP13961812</b>	PP13897520	PP13890909
Sample Date	Client Info		<b>16 Feb 2024</b>	01 Jul 2023	03 May 2023
Machine Age	hrs	Client Info	<b>0</b>	0	0
Grease Age	hrs	Client Info	<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>70</b>	15	110
Iron	ppm	ASTM D5185(m)	>250	<b>12</b>	10
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0
Copper	ppm	ASTM D5185(m)	>75	<b>&lt;1</b>	<1
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>6</b>	8
Magnesium	ppm	ASTM D5185(m)		<b>2</b>	2
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0
Molybdenum	ppm	ASTM D5185(m)		<b>42</b>	40
Phosphorus	ppm	ASTM D5185(m)		<b>106</b>	96
Zinc	ppm	ASTM D5185(m)		<b>204</b>	164
Antimony	ppm	ASTM D5185(m)		<b>6</b>	10

## THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1
Calcium	ppm	ASTM D5185(m)		<b>37</b>	20
Sodium	ppm	ASTM D5185(m)		<b>11</b>	8
Lithium	ppm	ASTM D5185(m)		<b>206</b>	194
Sulfur	ppm	ASTM D5185(m)		<b>796</b>	647

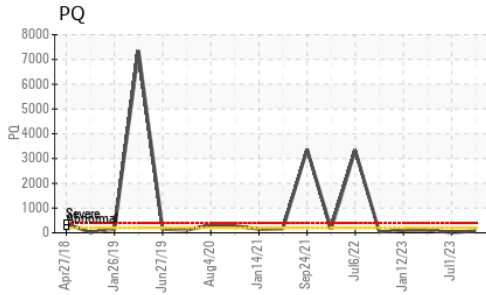
## CONTAMINANTS

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

## GREASE CONDITION

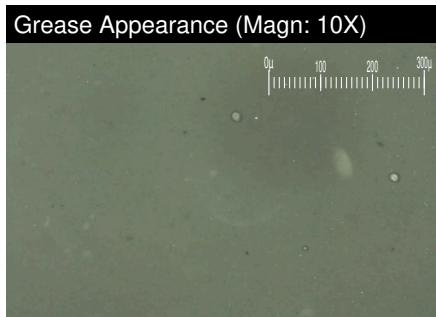
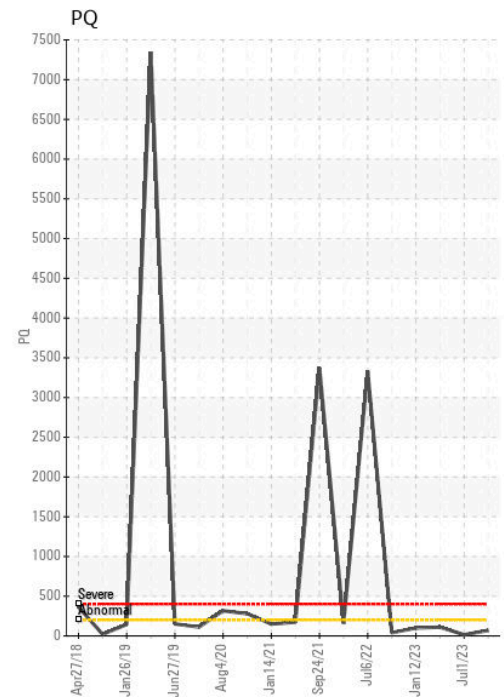
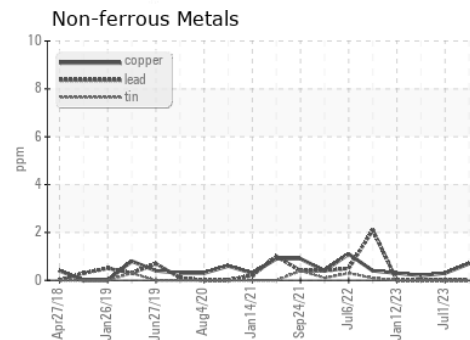
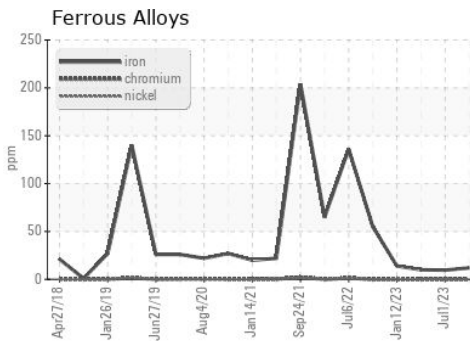
	method	limit/base	current	history1	history2
Grease Color	Visual*	Dk Blue	<b>Green</b>	Green	Green
Texture	In-house*		<b>Short fiber</b>	Short fiber	Buttery
NLGI Consistency	NLGI Scale	SKF Method* 2	<b>1-2</b>	2	2

# 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.** : PP13961812  
**Lab Number** : 02625490  
**Unique Number** : 5750609  
**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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