



# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area

Materials Handling/SW Pedestal Crane  
WPD471201 CRANE HEEL PIN GREASE

Machine Id

Component  
Right 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		PP13974584	---	---
Sample Date	Client Info		26 Mar 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Grease Age	hrs	Client Info	0	---	---
Grease Serviced	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>200	4430	---	---
Iron	ppm	ASTM D5185(m)	>250	155	---
Chromium	ppm	ASTM D5185(m)	>10	2	---
Nickel	ppm	ASTM D5185(m)	>5	2	---
Cadmium	ppm	ASTM D5185(m)		0	---
Titanium	ppm	ASTM D5185(m)		<1	---
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)		<1	---
Magnesium	ppm	ASTM D5185(m)		<1	---
Manganese	ppm	ASTM D5185(m)		10	---
Molybdenum	ppm	ASTM D5185(m)		436	---
Phosphorus	ppm	ASTM D5185(m)		141	---
Zinc	ppm	ASTM D5185(m)		139	---
Antimony	ppm	ASTM D5185(m)		2	---

## THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		4	---
Barium	ppm	ASTM D5185(m)		23	---
Calcium	ppm	ASTM D5185(m)		33	---
Sodium	ppm	ASTM D5185(m)		4	---
Lithium	ppm	ASTM D5185(m)		142	---
Sulfur	ppm	ASTM D5185(m)		878	---

## CONTAMINANTS

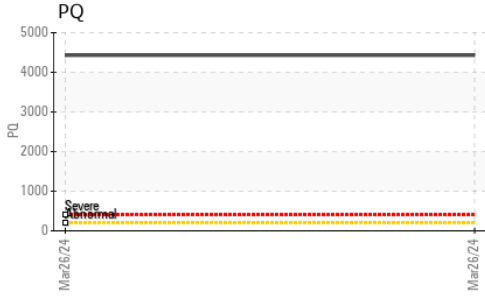
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	5	---
Potassium	ppm	ASTM D5185(m)		<1	---

## GREASE CONDITION

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

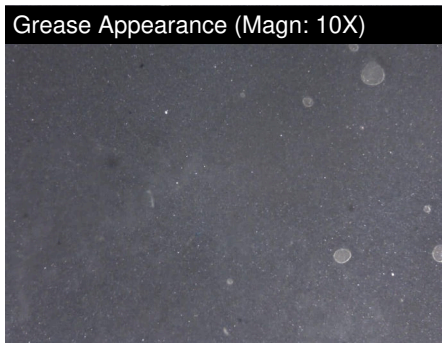
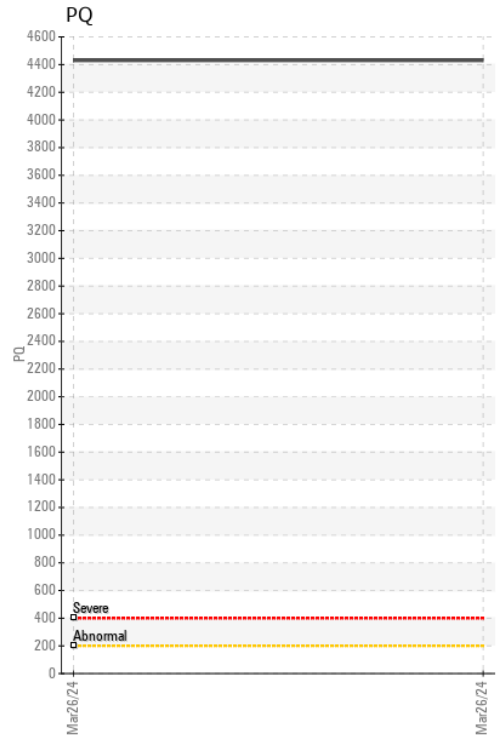
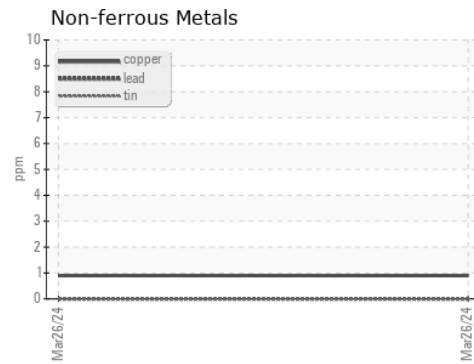
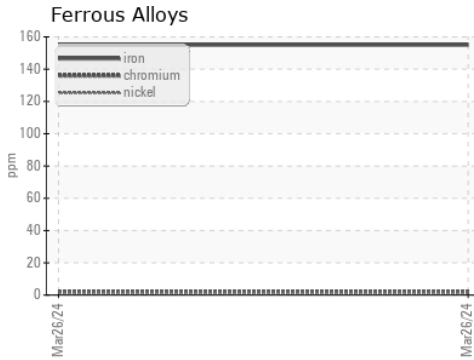


# GREASE ANALYSIS



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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PP13974584      **Received** : 04 Apr 2024  
**Lab Number** : **02626830**      **Tested** : 05 Apr 2024  
**Unique Number** : 5759962      **Diagnosed** : 08 Apr 2024 - Bill Quesnel  
**Test Package** : GRS 1 ( Additional Tests: BottomAnalysis )

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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.