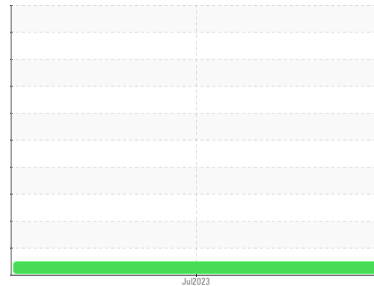




# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**ONE-TIME TEST POINTS**  
 Machine Id  
**HAMMER MILL 8**

Component  
**West Grease**  
 Fluid  
**LUBRICATION ENG ALMAPLEX 1275 (--- 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>WC0802581</b>	---	---
Sample Date	Client Info	<b>28 Jul 2023</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Grease Age	hrs Client Info	<b>0</b>	---	---
Grease Serviced	Client Info	<b>Not Changd</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## CONTAMINATION

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

## WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184* >200	<b>120</b>	---	---
Iron	ppm ASTM D5185(m) >250	<b>118</b>	---	---
Chromium	ppm ASTM D5185(m) >10	<b>1</b>	---	---
Nickel	ppm ASTM D5185(m) >5	<b>&lt;1</b>	---	---
Cadmium	ppm ASTM D5185(m)	<b>0</b>	---	---
Titanium	ppm ASTM D5185(m)	<b>6</b>	---	---
Vanadium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185(m) >25	<b>&lt;1</b>	---	---
Copper	ppm ASTM D5185(m) >75	<b>&lt;1</b>	---	---
Tin	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Silver	ppm ASTM D5185(m) >5	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185(m)	<b>82</b>	---	---
Manganese	ppm ASTM D5185(m)	<b>1</b>	---	---
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	---	---
Phosphorus	ppm ASTM D5185(m)	<b>2</b>	---	---
Zinc	ppm ASTM D5185(m)	<b>3</b>	---	---
Antimony	ppm ASTM D5185(m)	<b>352</b>	---	---

## THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185(m)	<b>503</b>	---	---
Barium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Calcium	ppm ASTM D5185(m)	<b>30</b>	---	---
Sodium	ppm ASTM D5185(m)	<b>4</b>	---	---
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Sulfur	ppm ASTM D5185(m)	<b>629</b>	---	---

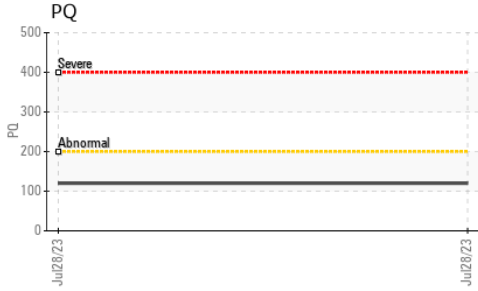
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >150	<b>127</b>	---	---
Potassium	ppm ASTM D5185(m)	<b>19</b>	---	---

## GREASE CONDITION

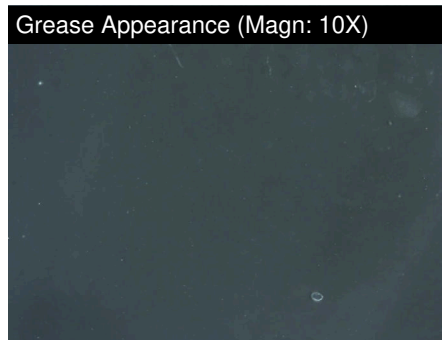
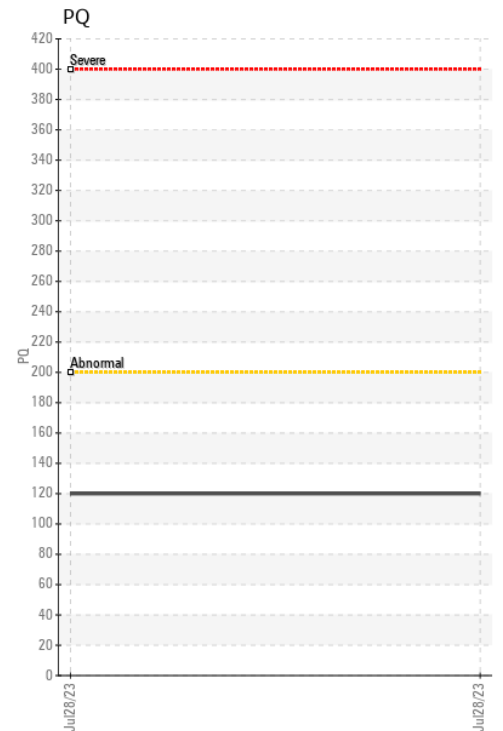
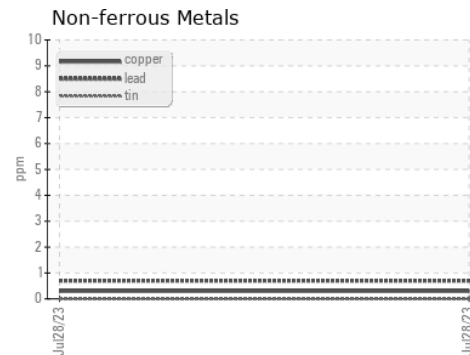
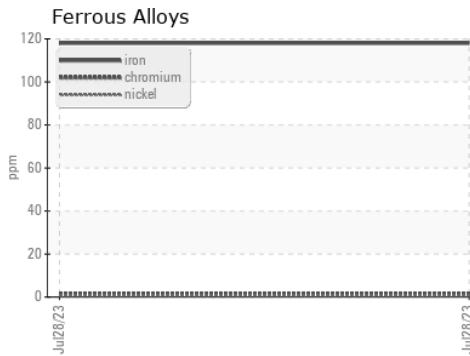
method	limit/base	current	history1	history2
Grease Color	Visual* Orange	<b>Brown</b>	---	---
Texture	In-house* Smooth	<b>Buttery</b>	---	---
NLGI Consistency	NLGI Scale SKF Method* 2	<b>1-2</b>	---	---

# 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.** : WC0802581      **Received** : 15 Aug 2023  
**Lab Number** : 02576012      **Tested** : 16 Aug 2023  
**Unique Number** : 5629072      **Diagnosed** : 21 Aug 2023 - Bill Quesnel  
**Test Package** : GRS 1 ( Additional Tests: BottomAnalysis )

**HIRAM WALKER & SONS LTD.**  
 2072 RIVERSIDE DRIVE EAST, BOX 2518  
 WINDSOR, ON  
 CA N8Y 4S5  
 Contact: Matt Morand  
 matt.morand@pernod-ricard.com  
 T: (519)561-5359  
 F: (519)971-5719

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.