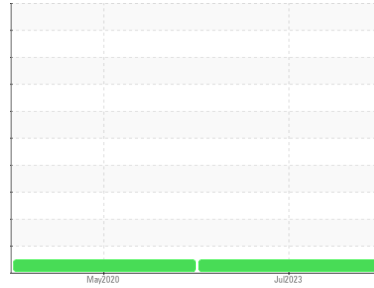


# GREASE ANALYSIS

Sample Rating Trend

**NORMAL**



Area  
**[450132861]**

Machine Id  
**21601**

Component  
**Grease**

Fluid  
**PETRO CANADA GREASE OG-1 (--- 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>PC</b>	PC	---
Sample Date	Client Info			<b>31 Jul 2023</b>	18 May 2020	---
Machine Age	hrs	Client Info		<b>0</b>	0	---
Grease Age	hrs	Client Info		<b>0</b>	0	---
Grease Serviced	Client Info			<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>200	<b>0</b>	727	---
Iron	ppm	ASTM D5185(m)	>250	<b>2</b>	39	---
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
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>&lt;1</b>	0	---

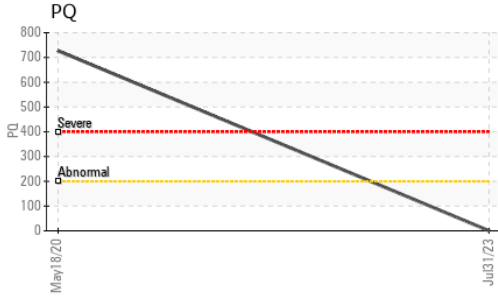
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>199</b>	83	---
Magnesium	ppm	ASTM D5185(m)		<b>6</b>	5	---
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Phosphorus	ppm	ASTM D5185(m)		<b>5</b>	20	---
Zinc	ppm	ASTM D5185(m)		<b>2</b>	15	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	<1	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		<b>2</b>	5	---
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Calcium	ppm	ASTM D5185(m)		<b>4832</b>	1865	---
Sodium	ppm	ASTM D5185(m)		<b>4</b>	15	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	92	---
Sulfur	ppm	ASTM D5185(m)		<b>883</b>	614	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	<b>3</b>	56	---
Potassium	ppm	ASTM D5185(m)		<b>3</b>	2	---

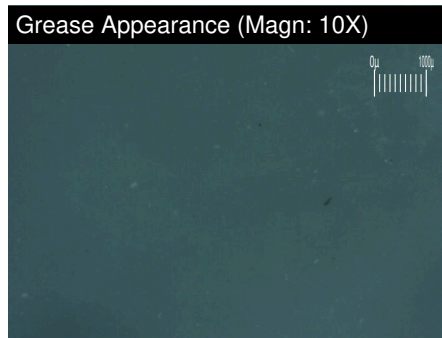
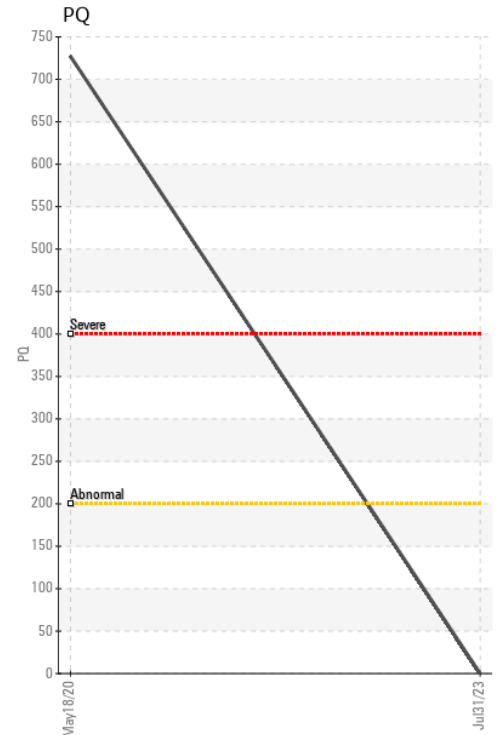
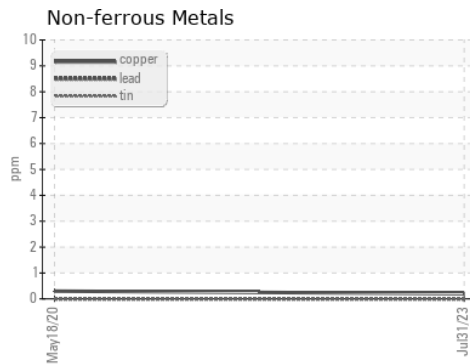
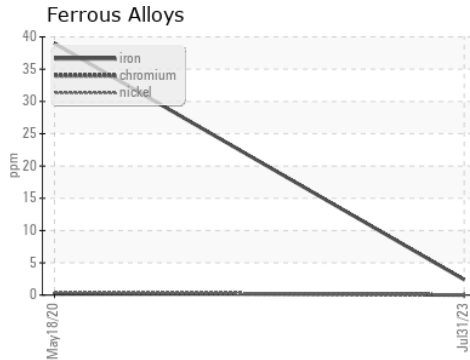
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color	Visual*	Tan		<b>Tan</b>	Yellow	---
Texture	In-house*	Buttery		<b>Buttery</b>	Long fiber	---
NLGI Consistency	NLGI Scale	SKF Method* 1		<b>1-2</b>	0-1	---

# GREASE ANALYSIS



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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC **Received** : 17 Aug 2023  
**Lab Number** : 02576627 **Diagnosed** : 21 Aug 2023  
**Unique Number** : 5629687 **Diagnostician** : Bill Quesnel  
**Test Package** : GRS 1 ( Additional Tests: BottomAnalysis )

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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