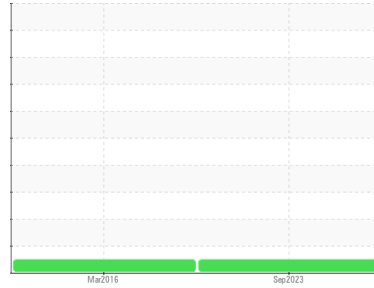


# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**[450203374]**  
Machine Id  
**NC-05603 TORQUE TUBE BEARING**  
Component  
**2 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>18 Sep 2023</b>	07 Mar 2016	---
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>	---	---
Iron	ppm	ASTM D5185(m)	>250	<b>14</b>	1	---
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>&lt;1</b>	0	---

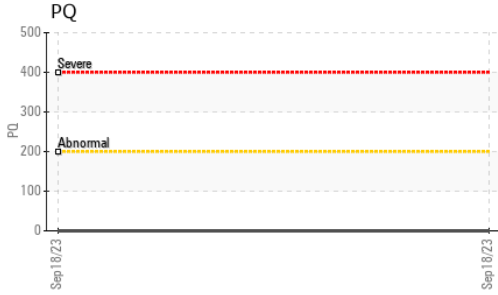
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>182</b>	2	---
Magnesium	ppm	ASTM D5185(m)		<b>13</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Phosphorus	ppm	ASTM D5185(m)		<b>4</b>	9	---
Zinc	ppm	ASTM D5185(m)		<b>18</b>	4	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	0	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		<b>2</b>	0	---
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185(m)		<b>4570</b>	11	---
Sodium	ppm	ASTM D5185(m)		<b>6</b>	1	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	27	---
Sulfur	ppm	ASTM D5185(m)		<b>845</b>	475	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	<b>4</b>	<1	---
Potassium	ppm	ASTM D5185(m)		<b>2</b>	1	---

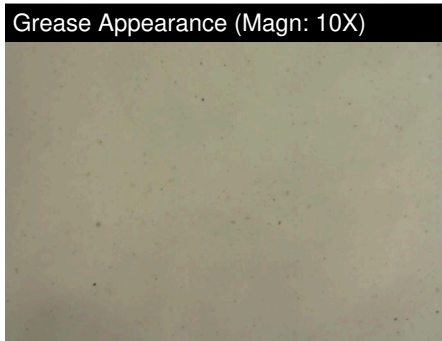
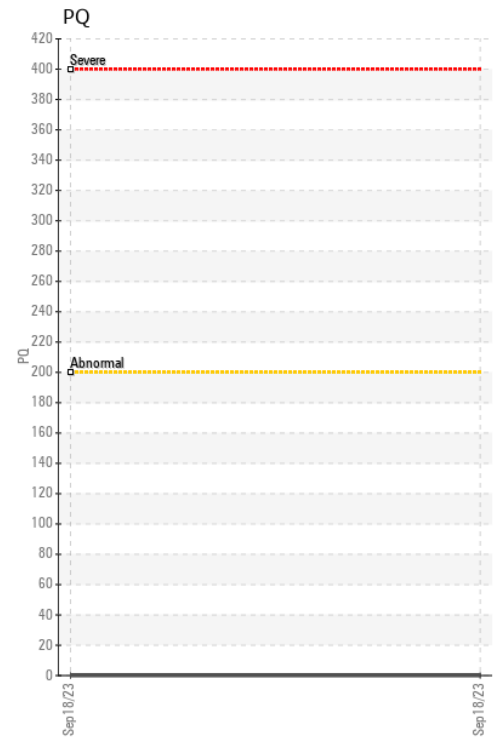
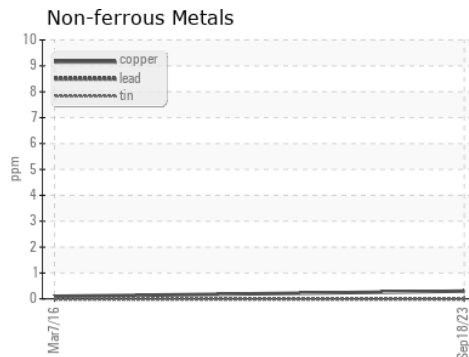
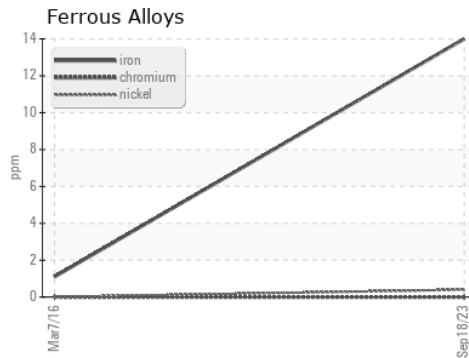
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color	Visual*	Tan		<b>Cream</b>	---	---
Texture	In-house*	Buttery		<b>Buttery</b>	---	---
NLGI Consistency	NLGI Scale	SKF Method*	1	<b>1</b>	---	---

# GREASE ANALYSIS



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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC **Received** : 11 Oct 2023  
**Lab Number** : 02588450 **Diagnosed** : 12 Oct 2023  
**Unique Number** : 5657516 **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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