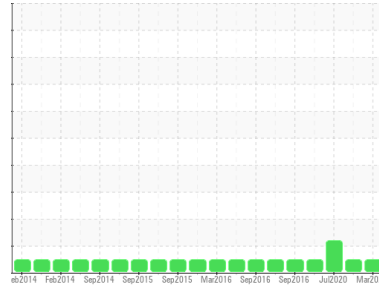


# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**TURRET UPPER BEARING [450292025]**  
Machine Id  
**NC-05603 TORQUE TUBE BEARING**  
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>PC0080740</b>	PC0080745	PC0029635
Sample Date	Client Info			<b>15 Mar 2024</b>	15 Mar 2024	21 Jul 2020
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	ATTENTION

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>0</b>	0	1070
Iron	ppm	ASTM D5185(m)	>250	<b>3</b>	3	190
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0	2
Copper	ppm	ASTM D5185(m)	>75	<b>&lt;1</b>	<1	22
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	0	2
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0

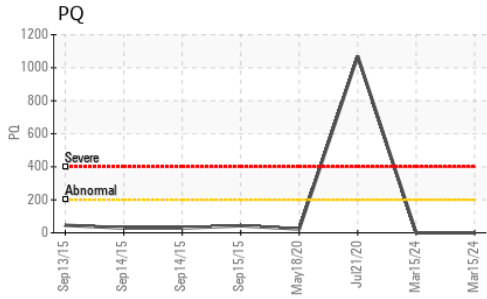
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>134</b>	134	2
Magnesium	ppm	ASTM D5185(m)		<b>7</b>	6	5
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	3
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Phosphorus	ppm	ASTM D5185(m)		<b>&lt;1</b>	1	10
Zinc	ppm	ASTM D5185(m)		<b>94</b>	90	5
Antimony	ppm	ASTM D5185(m)		<b>0</b>	0	<1

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		<b>1</b>	1	<1
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Calcium	ppm	ASTM D5185(m)		<b>3671</b>	3729	45
Sodium	ppm	ASTM D5185(m)		<b>9</b>	9	9
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	63
Sulfur	ppm	ASTM D5185(m)		<b>599</b>	594	446

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	<b>1</b>	2	2
Potassium	ppm	ASTM D5185(m)		<b>3</b>	8	1

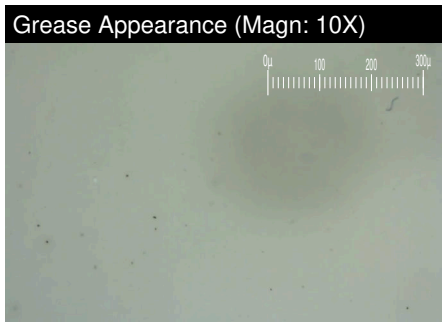
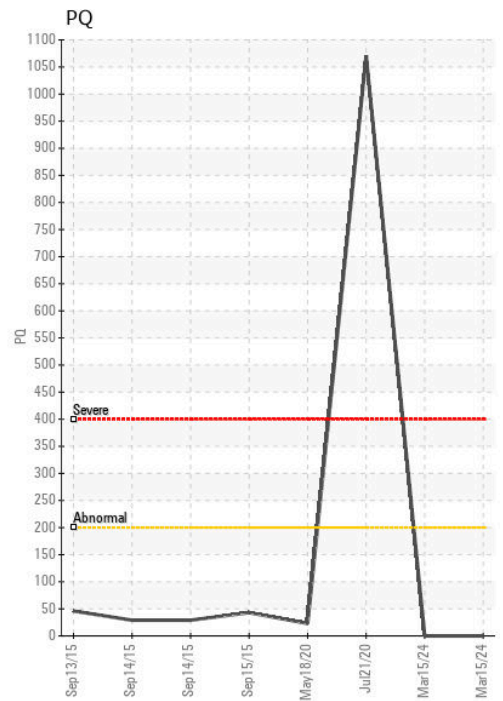
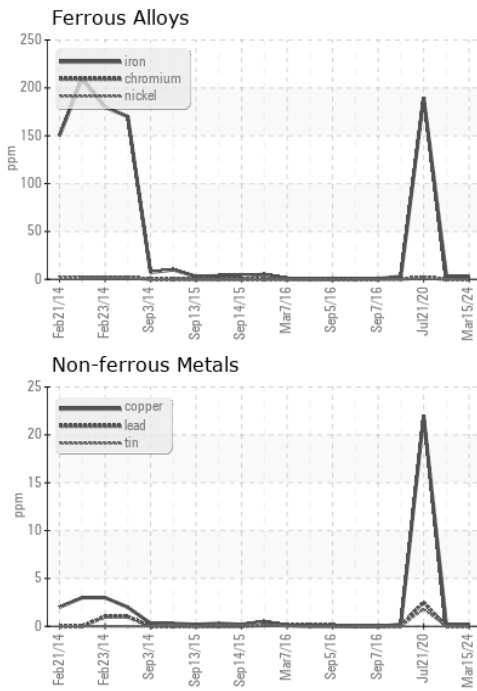
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color	Visual*	Tan		<b>Cream</b>	Cream	Brown
Texture	In-house*	Buttery		<b>Buttery</b>	Buttery	Short fiber
NLGI Consistency	NLGI Scale	SKF Method* 1		<b>1-2</b>	1-2	0

# GREASE ANALYSIS



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					
PrtFilter					

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0080740 **Received** : 02 Apr 2024  
**Lab Number** : 02626290 **Tested** : 04 Apr 2024  
**Unique Number** : 5759422 **Diagnosed** : 04 Apr 2024 - 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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