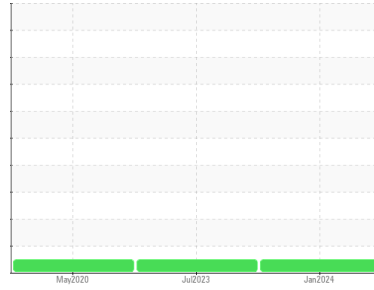


# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**[450242710]**  
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	PC
Sample Date	Client Info	<b>04 Jan 2024</b>	31 Jul 2023	18 May 2020
Machine Age	hrs	<b>0</b>	0	0
Grease Age	hrs	<b>0</b>	0	0
Grease Serviced	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## 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	727
Iron	ppm ASTM D5185(m) >250	<b>8</b>	2	39
Chromium	ppm ASTM D5185(m) >10	<b>0</b>	0	<1
Nickel	ppm ASTM D5185(m) >5	<b>&lt;1</b>	<1	<1
Cadmium	ppm ASTM D5185(m)	<b>0</b>	0	<1
Titanium	ppm ASTM D5185(m)	<b>0</b>	0	<1
Vanadium	ppm ASTM D5185(m)	<b>0</b>	0	0
Lead	ppm ASTM D5185(m) >25	<b>0</b>	0	0
Copper	ppm ASTM D5185(m) >75	<b>0</b>	<1	<1
Tin	ppm ASTM D5185(m) >5	<b>0</b>	0	0
Silver	ppm ASTM D5185(m) >5	<b>0</b>	<1	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	<b>84</b>	199	83
Magnesium	ppm ASTM D5185(m)	<b>4</b>	6	5
Manganese	ppm ASTM D5185(m)	<b>0</b>	<1	<1
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	0	0
Phosphorus	ppm ASTM D5185(m)	<b>9</b>	5	20
Zinc	ppm ASTM D5185(m)	<b>37</b>	2	15
Antimony	ppm ASTM D5185(m)	<b>0</b>	0	<1

## THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185(m)	<b>&lt;1</b>	2	5
Barium	ppm ASTM D5185(m)	<b>0</b>	<1	<1
Calcium	ppm ASTM D5185(m)	<b>2296</b>	4832	1865
Sodium	ppm ASTM D5185(m)	<b>7</b>	4	15
Lithium	ppm ASTM D5185(m)	<b>25</b>	<1	92
Sulfur	ppm ASTM D5185(m)	<b>638</b>	883	614

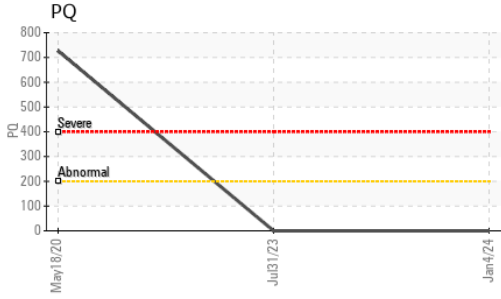
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >150	<b>21</b>	3	56
Potassium	ppm ASTM D5185(m)	<b>3</b>	3	2

## GREASE CONDITION

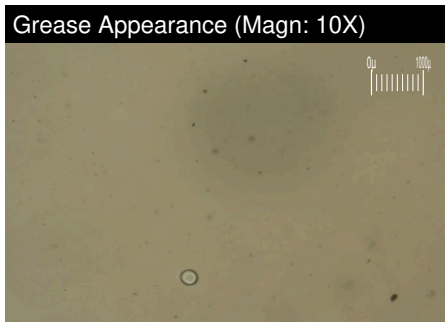
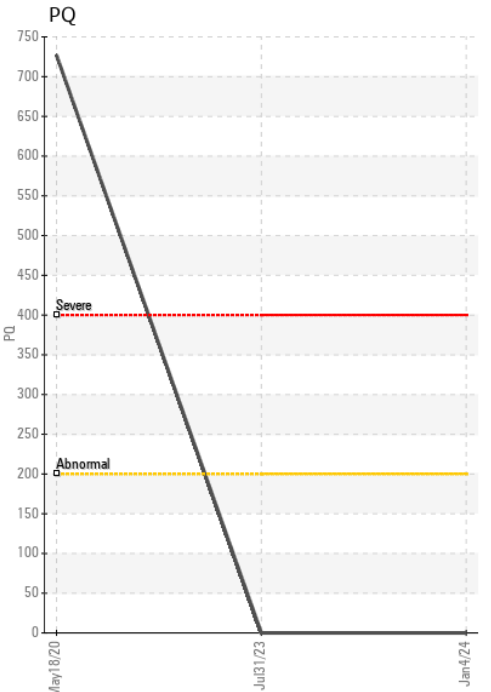
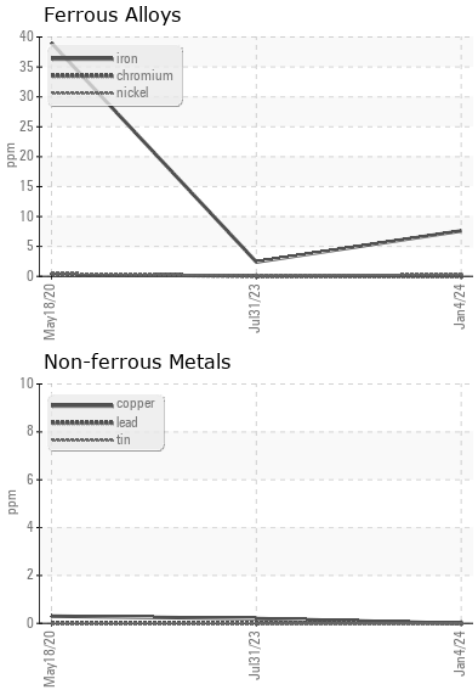
method	limit/base	current	history1	history2
Grease Color	Visual* Tan	<b>Brown</b>	Tan	Yellow
Texture	In-house* Buttery	<b>Buttery</b>	Buttery	Long fiber
NLGI Consistency	NLGI Scale SKF Method* 1	<b>1</b>	1-2	0-1

# 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.** : PC **Received** : 17 Jan 2024  
**Lab Number** : 02609587 **Diagnosed** : 19 Jan 2024  
**Unique Number** : 5710673 **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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