

GREASE ANALYSIS

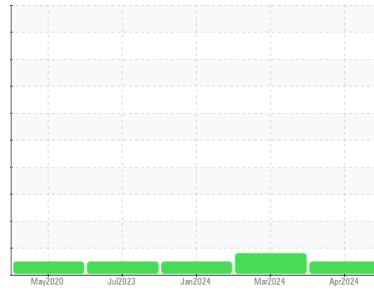
Area
[450267780]

Machine Id
21601

Component
Grease

Fluid
PETRO CANADA GREASE OG-1 (--- GAL)

Sample Rating Trend



NORMAL



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			PC0078291	PC	PC
Sample Date	Client Info			01 Apr 2024	18 Mar 2024	04 Jan 2024
Machine Age	hrs	Client Info		0	0	0
Grease Age	hrs	Client Info		0	0	0
Grease Serviced	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	MARGINAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>200	0	0	0
Iron	ppm	ASTM D5185(m)	>250	5	10	8
Chromium	ppm	ASTM D5185(m)	>10	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	<1	<1
Cadmium	ppm	ASTM D5185(m)		0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Lead	ppm	ASTM D5185(m)	>25	0	0	0
Copper	ppm	ASTM D5185(m)	>75	0	0	0
Tin	ppm	ASTM D5185(m)	>5	0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0

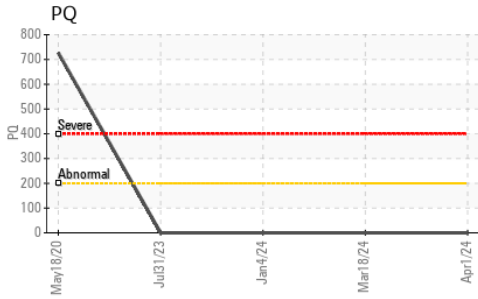
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		174	124	84
Magnesium	ppm	ASTM D5185(m)		6	4	4
Manganese	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Phosphorus	ppm	ASTM D5185(m)		3	11	9
Zinc	ppm	ASTM D5185(m)		10	26	37
Antimony	ppm	ASTM D5185(m)		0	0	0

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		3	1	<1
Barium	ppm	ASTM D5185(m)		<1	<1	0
Calcium	ppm	ASTM D5185(m)		4295	2999	2296
Sodium	ppm	ASTM D5185(m)		9	7	7
Lithium	ppm	ASTM D5185(m)		12	41	25
Sulfur	ppm	ASTM D5185(m)		784	662	638

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	18	18	21
Potassium	ppm	ASTM D5185(m)		2	2	3

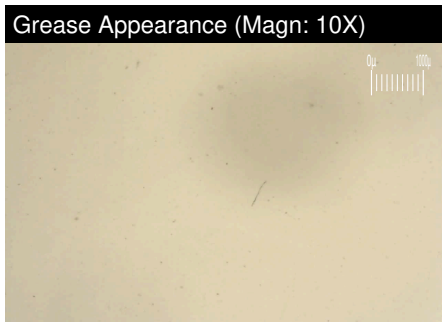
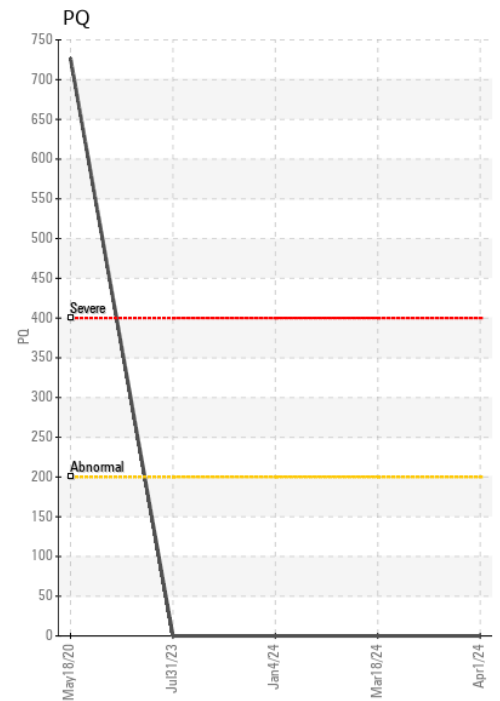
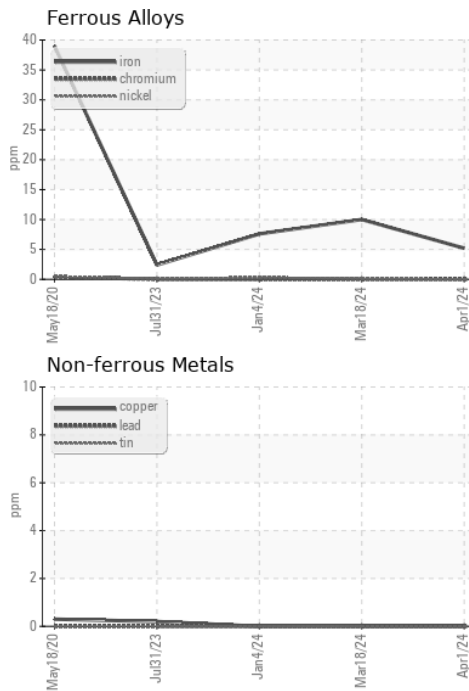
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color	Visual*	Tan		Tan	Brown	Brown
Texture	In-house*	Buttery		Buttery	Buttery	Buttery
NLGI Consistency	NLGI Scale	SKF Method*	1	2	▲ 00-0	1

GREASE ANALYSIS



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

GRAPHS



CALA
ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0078291 **Received** : 29 Apr 2024
Lab Number : **02632166** **Tested** : 02 May 2024
Unique Number : 5773319 **Diagnosed** : 02 May 2024 - Bill Quesnel
Test Package : GRS 1 (Additional Tests: BottomAnalysis)

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 St. John`s, NL
 CA A1C 1B6
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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.