

GREASE ANALYSIS

Sample Rating Trend



NORMAL



Area

[450356200]

Machine Id

BASELINE GREASE

Component

Grease

Fluid

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

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PC	---	---
Sample Date	Client Info			22 Jun 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Grease Age	hrs	Client Info		0	---	---
Grease Serviced	Client Info			N/A	---	---
Sample Status				NORMAL	---	---

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

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>200	0	---	---
Iron	ppm	ASTM D5185(m)	>250	2	---	---
Chromium	ppm	ASTM D5185(m)	>10	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Lead	ppm	ASTM D5185(m)	>25	0	---	---
Copper	ppm	ASTM D5185(m)	>75	0	---	---
Tin	ppm	ASTM D5185(m)	>5	0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		276	---	---
Magnesium	ppm	ASTM D5185(m)		6	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		<1	---	---
Phosphorus	ppm	ASTM D5185(m)		<1	---	---
Zinc	ppm	ASTM D5185(m)		3	---	---
Antimony	ppm	ASTM D5185(m)		0	---	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		2	---	---
Barium	ppm	ASTM D5185(m)		<1	---	---
Calcium	ppm	ASTM D5185(m)		5414	---	---
Sodium	ppm	ASTM D5185(m)		3	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---
Sulfur	ppm	ASTM D5185(m)		845	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	4	---	---
Potassium	ppm	ASTM D5185(m)		3	---	---

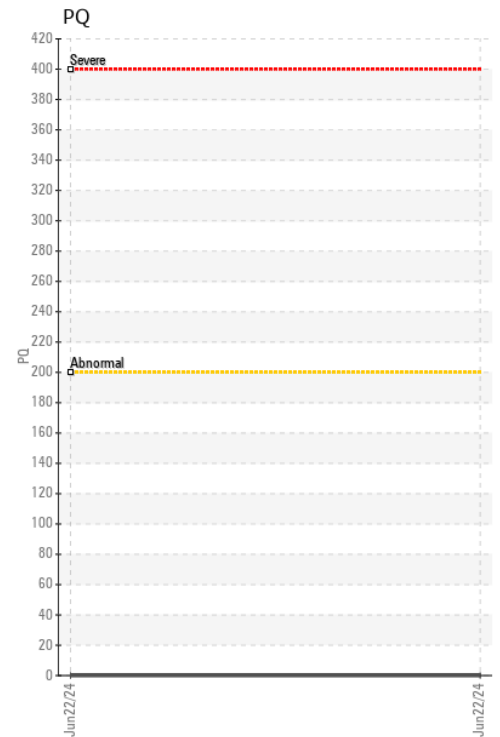
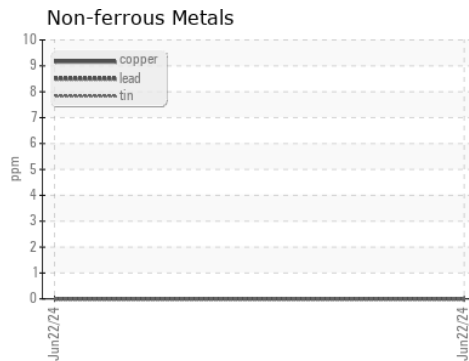
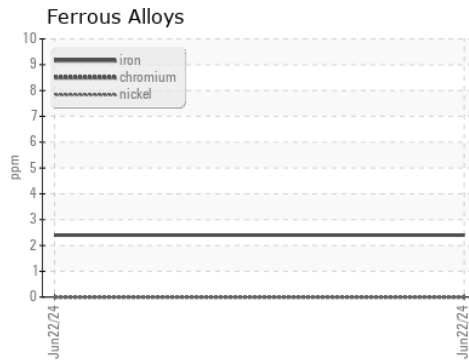
GREASE CONDITION		method	limit/base	current	history1	history2
Grease Color	Visual*	Tan		Cream	---	---
Texture	In-house*	Buttery		Buttery	---	---
NLGI Consistency	NLGI Scale	SKF Method*	1	2	---	---

GREASE ANALYSIS



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC **Received** : 16 Jul 2024
Lab Number : 02648273 **Tested** : 17 Jul 2024
Unique Number : 5813825 **Diagnosed** : 18 Jul 2024 - Bill Quesnel
Test Package : GRS 1 (Additional Tests: BottomAnalysis)

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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.