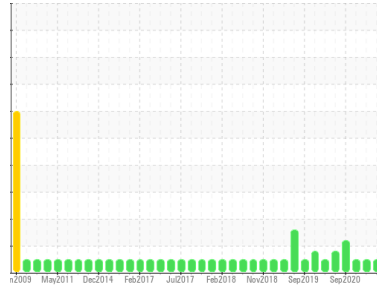


GREASE ANALYSIS

Sample Rating Trend



Area
Turret
Machine Id
Turret Swivel #3 - 12" Production Grease Sample (S/N Sample Tag: NC-21602)
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	PC	PC	PC
Sample Date	Client Info	23 Jan 2024	04 Jan 2024	31 Jul 2023
Machine Age	days	0	0	0
Grease Age	days	0	0	0
Grease Serviced	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	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	6	4	2
Chromium	ppm ASTM D5185(m) >10	0	0	0
Nickel	ppm ASTM D5185(m) >5	<1	<1	0
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)	67	147	142
Magnesium	ppm ASTM D5185(m)	3	6	5
Manganese	ppm ASTM D5185(m)	0	0	0
Molybdenum	ppm ASTM D5185(m)	0	0	0
Phosphorus	ppm ASTM D5185(m)	10	3	7
Zinc	ppm ASTM D5185(m)	27	25	2
Antimony	ppm ASTM D5185(m)	0	0	0

THICKENER/SOAP

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185(m)	1	2	1
Barium	ppm ASTM D5185(m)	0	0	0
Calcium	ppm ASTM D5185(m)	1746	3734	3712
Sodium	ppm ASTM D5185(m)	6	9	3
Lithium	ppm ASTM D5185(m)	26	17	2
Sulfur	ppm ASTM D5185(m)	680	763	691

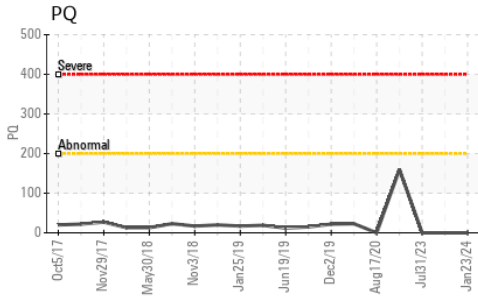
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >150	20	23	2
Potassium	ppm ASTM D5185(m)	2	4	2

GREASE CONDITION

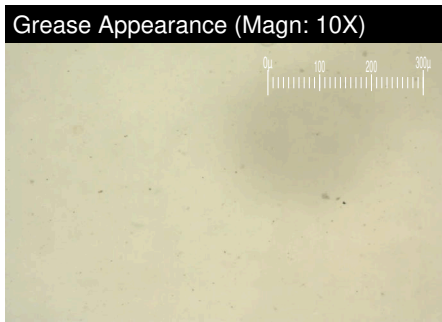
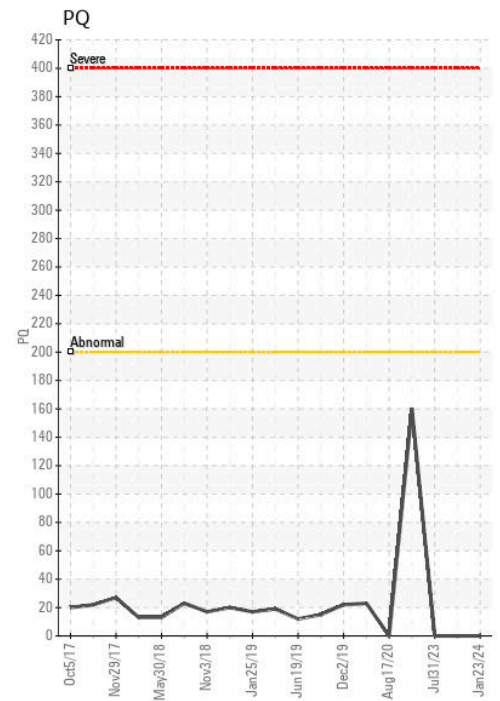
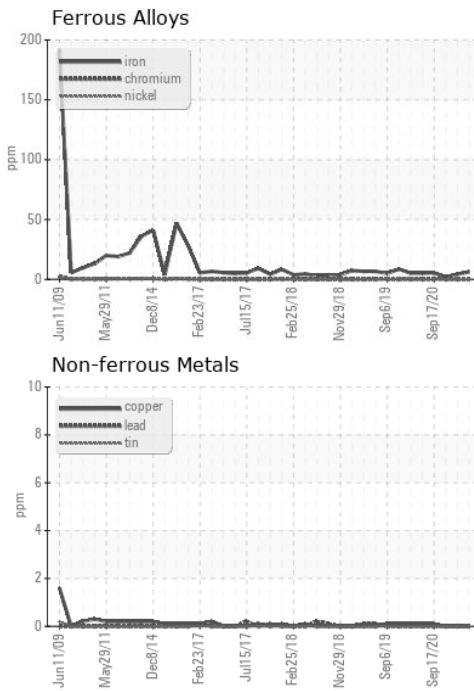
method	limit/base	current	history1	history2
Grease Color	Visual* Tan	Tan	Beige	Tan
Texture	In-house* Buttery	Buttery	Buttery	Buttery
NLGI Consistency	NLGI Scale SKF Method* 1	1	1-2	1-2

GREASE ANALYSIS



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

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC **Received** : 16 Feb 2024
Lab Number : 02616499 **Tested** : 22 Feb 2024
Unique Number : 5733609 **Diagnosed** : 22 Feb 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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