

## **GREASE ANALYSIS**

Sample Rating Trend



# AFT CRANE

Component Forward Grease Fluid

PETRO CANADA PRECISION XL EP2 (--- 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.

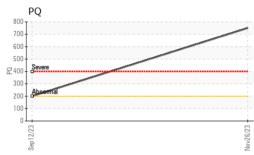
## Contaminants

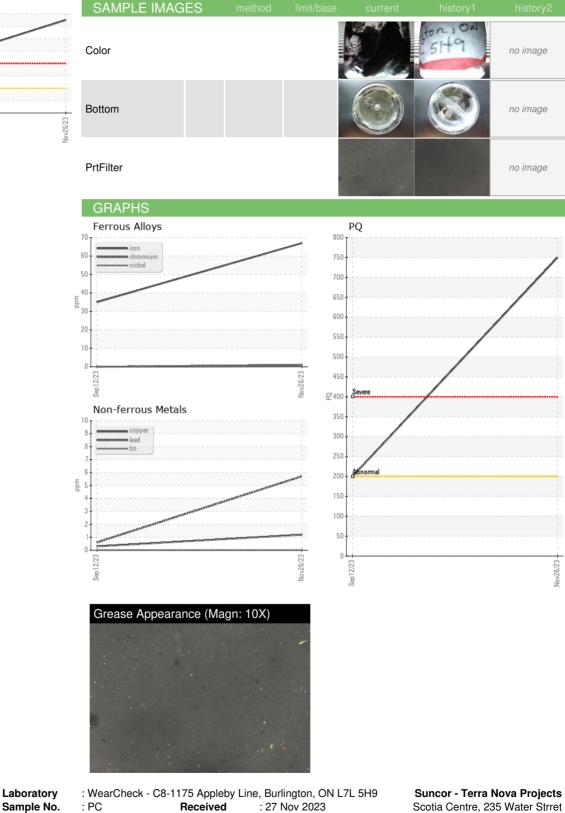
There is no indication of any contamination in the grease.

			Sep2023	Nov2023		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC	PC	
Sample Date		Client Info		26 Nov 2023	12 Sep 2023	
Machine Age	hrs	Client Info		0	0	
Grease Age	hrs	Client Info		0	0	
Grease Serviced		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METAL	.S	method	limit/base	current	history1	history2
PQ		ASTM D8184*	>200	750	200	
Iron	ppm	ASTM D5185(m)	>250	67	35	
Chromium	ppm	ASTM D5185(m)	>10	<1	0	
Nickel	ppm	ASTM D5185(m)	>5	1	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
Titanium	ppm	ASTM D5185(m)		0	0	
Vanadium	ppm	ASTM D5185(m)		0	0	
Lead	ppm	ASTM D5185(m)	>25	6	<1	
Copper	ppm	ASTM D5185(m)	>75	1	<1	
Tin	ppm	ASTM D5185(m)	>5	0	0	
Silver	ppm	ASTM D5185(m)	>5	<1	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		2	<1	
Magnesium	ppm	ASTM D5185(m)		12	2	
Manganese	ppm	ASTM D5185(m)		<1	<1	
Molybdenum	ppm	ASTM D5185(m)		205	150	
Phosphorus	ppm	ASTM D5185(m)		48	13	
Zinc	ppm	ASTM D5185(m)		61	34	
Antimony	ppm	ASTM D5185(m)		24	8	
THICKENER/S	SOAP	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)		3	<1	
Barium	ppm	ASTM D5185(m)		3	<1	
Calcium	ppm	ASTM D5185(m)		127	62	
Sodium	ppm	ASTM D5185(m)		54	21	
Lithium	ppm	ASTM D5185(m)		201	115	
Sulfur	ppm	ASTM D5185(m)		688	520	
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>150	4	2	
Potassium	ppm	ASTM D5185(m)		2	2	
GREASE CON	IDIT <u>IO</u> N	method	limit/base	current	history1	history2
Grease Color		Visual*	Brown	Green	Green	
Texture		In-house*	Stringy	Short fiber	Short fiber	
NLGI Consistency	NLGI Scale	SKF Method*	2	2	2	
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# **GREASE ANALYSIS**







 Iso 17025:2017
 Lab Number
 : 02599172
 Diagnosed
 : 29 Nov 2023

 Accredited Laboratory
 Unique Number
 : 5684252
 Diagnostician
 : Bill Quesnel

 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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