

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.

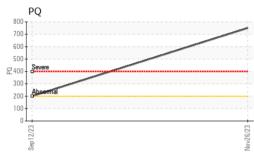
Contaminants

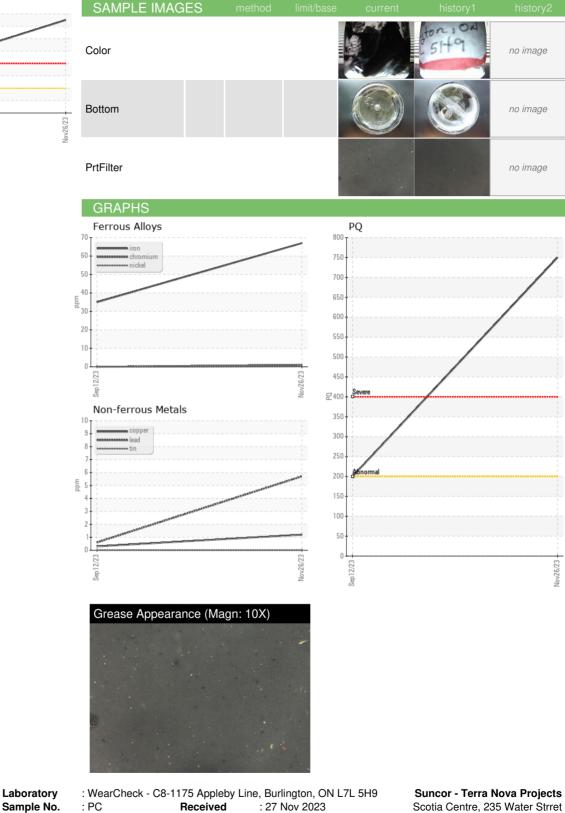
There is no indication of any contamination in the grease.

			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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