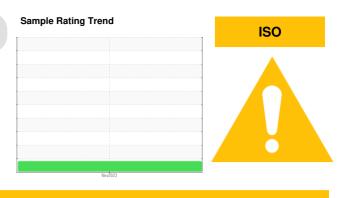
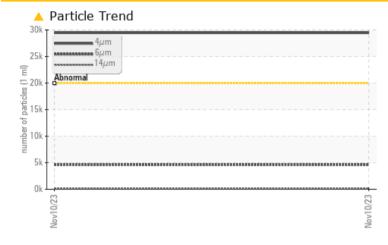
PROBLEM SUMMARY

Area South Molding Machine Id Press 14 Component 14 Gearbox Fluid

PETRO CANADA (--- GAL)



COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TES	T RESULTS			
Sample Status			ATTENTION	
Particles >4µm	ASTM D7647	>20000	<u> </u>	
Oil Cleanliness	ISO 4406 (c)	>21/19/16	A 22/19/14	

Customer Id: BECBRONE Sample No.: SBP0005197 Lab Number: 06010198 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

SAMPLE INFORMATION method limit/base

ISO

history2

history1

current

Area South Molding Machine Id Press 14 Component

14 Gearbox Fluid PETRO CANADA (--- GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	JATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0005197		
Sample Date		Client Info		10 Nov 2023		
Machine Age	yrs	Client Info		15		
Oil Age	yrs	Client Info		15		
Oil Changed	, -	Client Info		Not Changd		
Sample Status				ATTENTION		
· · · ·						
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		17		
Iron	ppm	ASTM D5185m	>200	4		
Chromium	ppm	ASTM D5185m	>15	0		
Nickel	ppm	ASTM D5185m	>15	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>100	0		
Copper	ppm	ASTM D5185m	>200	0		
Tin	ppm	ASTM D5185m	>25	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium		ASTM D5185m		0		
	ppm			U		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	42	80		
Barium	ppm	ASTM D5185m	0.0	0		
Volybdenum	ppm	ASTM D5185m	0.0	0		
Vanganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	235	<1		
Calcium	ppm	ASTM D5185m	346	<1		
Phosphorus	ppm	ASTM D5185m	309	310		
Zinc	ppm	ASTM D5185m	364	0		
Sulfur	ppm	ASTM D5185m	1370	7410		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	4		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.2	0.004		
ppm Water	ppm	ASTM D6304	>2000	40.1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	29437		
Particles >6µm		ASTM D7647	>5000	4611		
Particles >14µm		ASTM D7647	>640	157		
Particles >21µm		ASTM D7647	>160	35		
Particles >38µm		ASTM D7647 ASTM D7647	>40	1		
		ASTM D7647 ASTM D7647	>40 >10	0		
Particles >71µm Oil Cleanliness		ISO 4406 (c)				
		130 4400 (C)	>21/19/16	22/19/14		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.40		
(16.17) Dov: 1				C	mitted Dur IIIC	מיים וסו ווו הייס

Report Id: BECBRONE [WUSCAR] 06010198 (Generated: 11/20/2023 15:46:47) Rev: 1

Submitted By: JUSTIN HURLBURT



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OIL ANALYSIS REPORT



* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Submitted By: JUSTIN HURLBURT

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