

# **OIL ANALYSIS REPORT**

## Sample Rating Trend

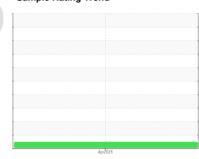
# **NORMAL**

South Molding

Press 7

**Gear Drive** 

**PETRO CANADA (10 GAL)** 





### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

## **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

				Apr2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
		Client Info	mmobacc	SBP0007435		motory
Sample Number Sample Date		Client Info		18 Apr 2024		
Machine Age	hrs	Client Info		0 Apr 2024		
Oil Age	hrs	Client Info		0		
Oil Changed	1115	Client Info		Not Changd		
Sample Status		Olletti Ittio		NORMAL		
WEAR METALS	_	method	limit/base	current		
			IIIIIIVDase		history1	history2
PQ		ASTM D8184	450	16		
ron	ppm	ASTM D5185m	>150	1		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm		>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	05	<1		
Aluminum	ppm	ASTM D5185m	>25	3		
Lead	ppm	ASTM D5185m	>100	<1		
Copper	ppm	ASTM D5185m	>50	<1		
Γin (an a diama	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	42	<1		
Barium	ppm	ASTM D5185m	0.0	0		
Molybdenum	ppm	ASTM D5185m	0.0	<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	235	<1		
Calcium	ppm	ASTM D5185m	346	0		
Phosphorus	ppm	ASTM D5185m	309	198		
Zinc	ppm	ASTM D5185m	364	0		
Sulfur	ppm	ASTM D5185m	1370	6616		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	8		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.1	0.00		
opm Water	ppm	ASTM D6304	>1000	0		
FLUID CLEANLII	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	5369		
Particles >6µm		ASTM D7647	>5000	744		
Particles >14μm		ASTM D7647	>640	18		
Particles >21μm		ASTM D7647	>160	4		
Particles >38μm		ASTM D7647	>40	0		
Particles >71μm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	20/17/11		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2



## **OIL ANALYSIS REPORT**





Certificate 12367

Laboratory Sample No.

: SBP0007435 Lab Number : 06156970 Unique Number : 10992393

Test Package : PLANT

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Received : 22 Apr 2024 **Tested** : 23 Apr 2024 Diagnosed

: 25 Apr 2024 - Jonathan Hester

BROKEN BOW, NE US 68822 Contact: JUSTIN HURLBURT Justin\_W\_Hurlburt@bd.com

 $^st$  - 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)

T:

F:

150 S 1ST AVE