

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

South Molding Press 6

Gear Unit

PETRO CANADA (--- 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		
				Apreven		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0007434		
Sample Date		Client Info		18 Apr 2024		
Machine Age	days	Client Info		0		
Oil Age	days	Client Info		6		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		11		
Iron	ppm	ASTM D5185m	>150	3		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	3		
Lead	ppm	ASTM D5185m	>100	<1		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	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	250		
Zinc	ppm	ASTM D5185m	364	0		
Sulfur	ppm	ASTM D5185m	1370	4189		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	4		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.1	0.00		
ppm Water	ppm	ASTM D6304	>1000	0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	3943		
Particles >6µm		ASTM D7647	>5000	468		
Particles >14μm		ASTM D7647	>640	20		
Particles >21µm		ASTM D7647	>160	5		
Particles >38μm		ASTM D7647	>40	0		
Particles >71μm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	19/16/11		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: SBP0007434 Lab Number : 06156968 Unique Number : 10992391 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Apr 2024 Tested : 23 Apr 2024

Diagnosed

: 25 Apr 2024 - Jonathan Hester

US 68822 Contact: JUSTIN HURLBURT Justin_W_Hurlburt@bd.com T:

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

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

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

F:

150 S 1ST AVE

BROKEN BOW, NE