

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

South Molding Press 12

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.

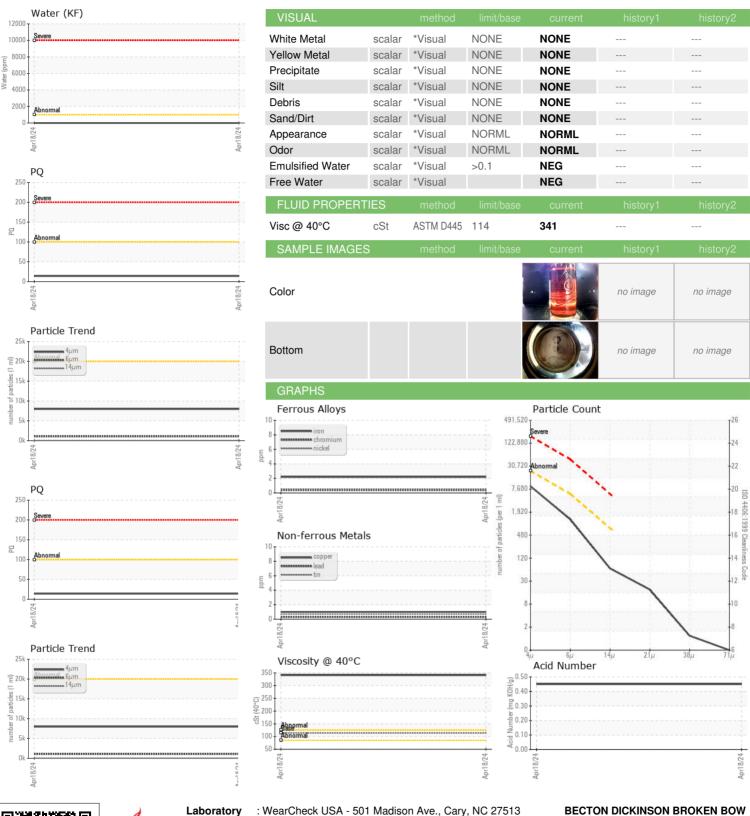
Fluid Condition

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

				Apr2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
		Client Info	mmusacc	SBP0007428		motory
Sample Number		Client Info		18 Apr 2024		
Sample Date Machine Age	dovo	Client Info		•		
Oil Age	days	Client Info		0		
Oil Changed	days	Client Info		Not Changd		
Sample Status		Client inio		NORMAL		
•			11 10 11			
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	450	14		
ron	ppm	ASTM D5185m	>150	2		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
- itanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	3		
ead	ppm	ASTM D5185m	>100	<1		
Copper	ppm	ASTM D5185m	>50	1		
īn	ppm	ASTM D5185m	>10	<1		
/anadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	42	17		
Barium	ppm	ASTM D5185m	0.0	0		
/lolybdenum	ppm	ASTM D5185m	0.0	<1		
Manganese	ppm	ASTM D5185m		<1		
/lagnesium	ppm	ASTM D5185m	235	<1		
Calcium	ppm	ASTM D5185m	346	0		
Phosphorus	ppm	ASTM D5185m	309	251		
Zinc	ppm	ASTM D5185m	364	0		
Sulfur	ppm	ASTM D5185m	1370	4646		
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	9		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Vater	%	ASTM D6304	>0.1	0.00		
ppm Water	ppm	ASTM D6304	>1000	0		
FLUID CLEANLIN	NESS _	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	7976		
Particles >6µm		ASTM D7647	>5000	1087		
Particles >14μm		ASTM D7647	>640	57		
Particles >21µm		ASTM D7647	>160	16		
Particles >38µm		ASTM D7647	>40	1		
Particles >71µm		ASTM D7647	>10	0		
Dil Cleanliness		ISO 4406 (c)	>21/19/16	20/17/13		
FLUID DEGRADA	ATION _	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No. Lab Number : 06156966

: SBP0007428 Unique Number : 10992389 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

150 S 1ST AVE BROKEN BOW, NE US 68822

Contact: JUSTIN HURLBURT Justin_W_Hurlburt@bd.com T:

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

Report Id: BECBRONE [WUSCAR] 06156966 (Generated: 04/25/2024 07:54:23) Rev: 1

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