

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

South Molding

Press 11

11 Gearbox

PETRO CANADA (--- GAL)

Recommendation

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

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

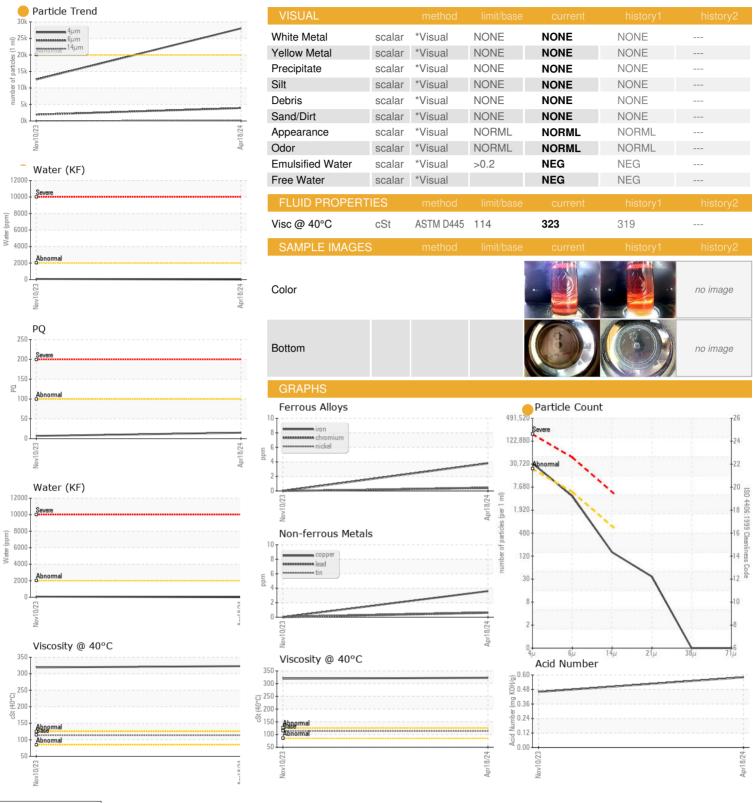
The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in

			Nov2023	Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0007442	SBP0005195	
Sample Date		Client Info		18 Apr 2024	10 Nov 2023	
Machine Age	yrs	Client Info		9	9	
Oil Age	yrs	Client Info		9	9	
Oil Changed		Client Info		N/A	Not Changd	
Sample Status				ATTENTION	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		15	7	
Iron	ppm	ASTM D5185m	>200	4	0	
Chromium	ppm	ASTM D5185m	>15	<1	0	
Nickel	ppm	ASTM D5185m	>15	<1	0	
Titanium	ppm	ASTM D5185m		<1	0	
Silver	ppm	ASTM D5185m		<1	0	
Aluminum	ppm	ASTM D5185m	>25	3	0	
Lead	ppm	ASTM D5185m	>100	<1	0	
Copper	ppm	ASTM D5185m	>200	4	0	
Tin	ppm	ASTM D5185m	>25	<1	<1	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		<1	0	
ADDITIVES	1-1-	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	42	86	84	
Barium	ppm	ASTM D5185m	0.0	0	0	
Molybdenum	ppm	ASTM D5185m	0.0	<1	0	
Manganese	ppm	ASTM D5185m	0.0	<1	0	
Magnesium	ppm	ASTM D5185m	235	<1	0	
Calcium	ppm	ASTM D5185m	346	0	<1	
Phosphorus	ppm	ASTM D5185m	309	294	313	
Zinc	ppm	ASTM D5185m	364	0	0	
Sulfur	ppm	ASTM D5185m	1370	7827	7374	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	7	5	
Sodium	ppm	ASTM D5185m		0	0	
Potassium	ppm	ASTM D5185m	>20	2	0	
Water	%	ASTM D6304	>0.2	0.001	0.007	
ppm Water	ppm	ASTM D6304	>2000	7	75.0	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	28031	12550	
Particles >6µm		ASTM D7647	>5000	3906	1929	
Particles >14μm		ASTM D7647	>640	134	55	
Particles >21µm		ASTM D7647	>160	31	12	
Particles >38μm		ASTM D7647	>40	0	0	
Particles >71µm		ASTM D7647	>10	0	0	
Oil Cleanliness		ISO 4406 (c)	>21/19/16	22/19/14	21/18/13	
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2

0.58



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: SBP0007442 Lab Number : 06156973 Unique Number : 10992396 Test Package : PLANT

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

Tested : 23 Apr 2024 Diagnosed : 24 Apr 2024 - Angela Borella

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)

BECTON DICKINSON BROKEN BOW

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Submitted By: JUSTIN HURLBURT