

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Galy Line [Galv Line] 670075-# 4 BRIDLE ROLL # 2

Gearbox

PETRO CANADA ENDURATEX EP 220 (---

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

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

2417						
GAL)		Aug2021 1	Nov2021 Feb2022 May20	22 Aug2022 Nov2022 Feb2023	May2023	
SAMPLE INFOR	RMATIO	V method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0095441	PCA0089465	PCA0081714
Sample Date		Client Info		23 May 2023	01 Feb 2023	22 Nov 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR META	LS	method	limit/base	current	history1	history2
PQ		ASTM D8184		17	17	
Iron	ppm	ASTM D5185m	>200	34	34	33
Chromium	ppm	ASTM D5185m	>15	0	<1	0
Nickel	ppm	ASTM D5185m	>15	0	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	0	<1
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>200	<1	<1	2
Tin	ppm	ASTM D5185m	>25	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	60	14	20	19
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	2	1	<1
Coloium	nnm	ACTM DE10Em	0	10	10	10

Boron	ppm	ASTM D5185m	60	14	20	19
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	2	1	<1
Calcium	ppm	ASTM D5185m	0	12	12	13
Phosphorus	ppm	ASTM D5185m	270	271	252	261
Zinc	ppm	ASTM D5185m	0	10	21	14
Sulfur	ppm	ASTM D5185m	11200	10293	9372	9531
CONTAMINANTS		method	limit/hase	current	history1	history2

CONTAMINANTS		method				history2
Silicon	ppm	ASTM D5185m	>50	10	11	10
Sodium	ppm	ASTM D5185m		1	<1	<1
Potassium	ppm	ASTM D5185m	>20	3	0	0

FLUID DEGRAI	JAHON	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.40	0.68	0.61	0.66
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

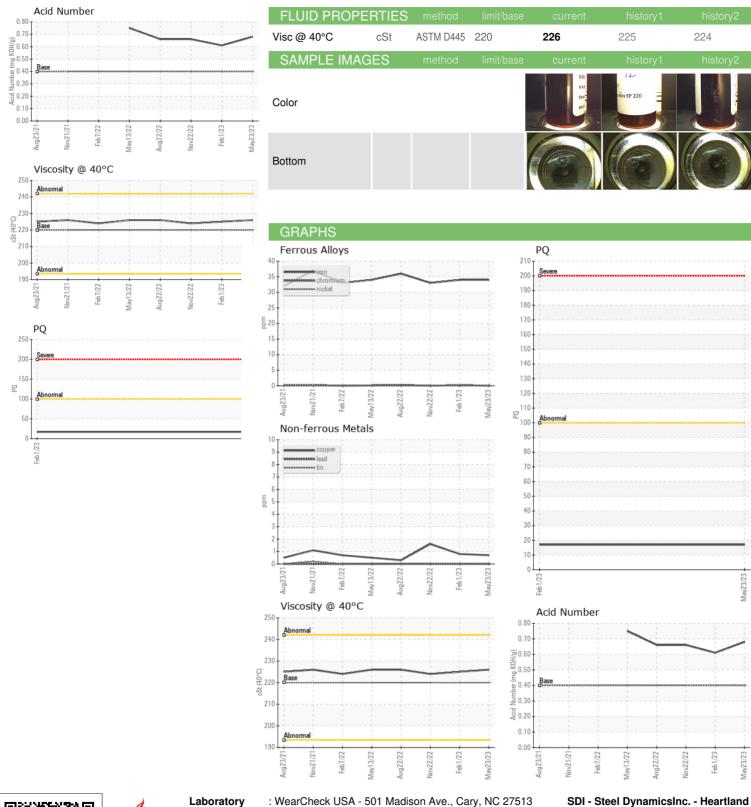
scalar *Visual

NEG

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OIL ANALYSIS REPORT





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: PCA0095441 : 05894549 : 10550359 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 Jul 2023 Diagnosed : 13 Jul 2023

: Wes Davis Diagnostician

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

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

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

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