

# **OIL ANALYSIS REPORT**

# Galy Line [Galv Line] 670025-A

**Top Gearbox** 

PETRO CANADA ENDURATEX EP 220 (--- GAL)

Sample Rating Trend



## 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.

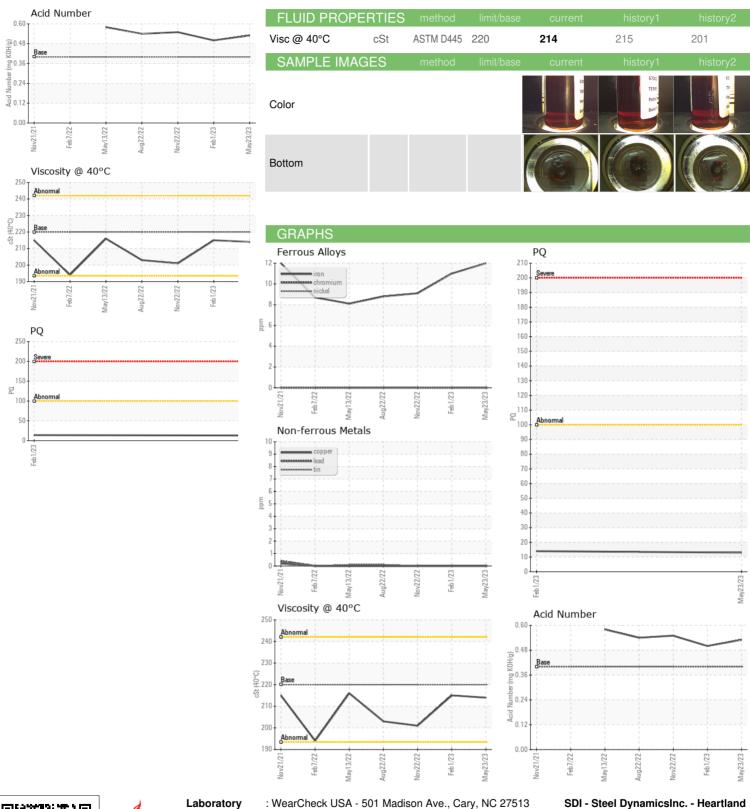
GAL)		Nov2021	Feb2022 May2022	Aug 2022 Nov 2022 Feb 2023	May2023	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0095437	PCA0089481	PCA0081710
Sample Date		Client Info		23 May 2023	01 Feb 2023	22 Nov 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METAL	.S	method	limit/base	current	history1	history2
PQ		ASTM D8184		13	14	
Iron	ppm	ASTM D5185m	>200	12	11	9
Chromium	ppm	ASTM D5185m	>15	0	0	0
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	0
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>200	0	0	0
Tin	ppm	ASTM D5185m		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	2	3	1
Barium	ppm	ASTM D5105m		0	3	3
Molybdenum	ppm	ASTM D5105m	0	0	<1	0
Manganese	ppm	ASTM D5105m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	2	<1	0
Calcium	ppm		0	8	10	9
Phosphorus		ASTM D5105m	270	305	286	293
Zinc	ppm	ASTM D5185m	0	5	200	8
Sulfur		ASTM D5185m	11200	12799	11996	12093
	ppm	method	limit/base		history1	history2
Silicon	ppm	ASTM D5185m		current 1	<1 <1	1
Sodium	ppm	ASTM D5185m	>00	, <1	0	0
Potassium	ppm		>20	3	0	0
FLUID DEGRA			limit/base		history1	history2
Acid Number (AN)	mg KOH/g		0.40	0.53	0.50	0.55
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
	Scalal	vioual	>∪.∠	NEG	INLG	INLG

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## **OIL ANALYSIS REPORT**





Certificate L2367

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

: PCA0095437 : 05894550 : 10550360 Test Package : PLANT

Received : 10 Jul 2023

Diagnosed : 13 Jul 2023 : Wes Davis Diagnostician

455 West Industrial Drive

Terre Haute, IN US 47802 Contact: BRAD ELLIS

To discuss this sample report, contact Customer Service at 1-800-237-1369. brad.ellis@steeldynamics.com

\* - 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)

Contact/Location: BRAD ELLIS - SDITER

T:

F: