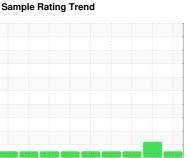


# **OIL ANALYSIS REPORT**

### Sample F

SAMPLE INFORMATION method



NORMAL



# Galv Line [Galv Line] 610080-1 BRIDLE ROLL 2

Gearbox

PETRO CANADA ENDURATEX EP 220 (--- GAL)

## 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

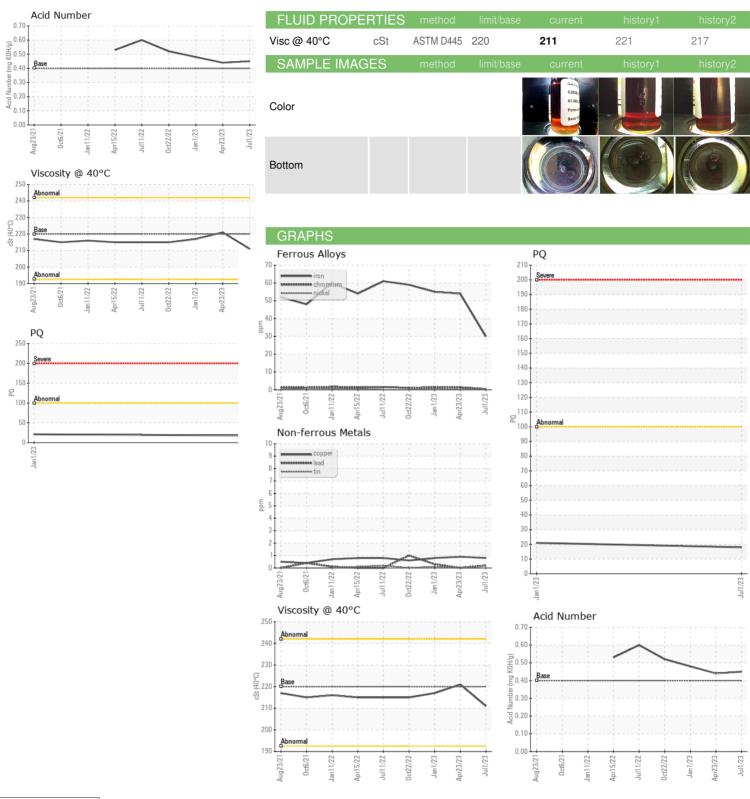
#### **Fluid Condition**

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

SAMELE INFOR		memou	IIIIII/Dase	Current	HISTOLAL	HISTOLYZ
Sample Number		Client Info		PCA0095499	PCA0089426	PCA0081760
Sample Date		Client Info		01 Jul 2023	23 Apr 2023	01 Jan 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METAL	S	method	limit/base	current	history1	history2
PQ		ASTM D8184		18		21
Iron	ppm	ASTM D5185m	>200	30	54	55
Chromium	ppm	ASTM D5185m	>15	<1	1	1
Nickel	ppm	ASTM D5185m	>15	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	<1
Lead	ppm	ASTM D5185m	>100	<1	0	<1
Copper	ppm	ASTM D5185m	>200	<1	<1	<1
Tin	ppm	ASTM D5185m	>25	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	60	60	25	24
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1	<1
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	<1	2	1
Calcium	ppm	ASTM D5185m	0	17	16	17
Phosphorus	ppm	ASTM D5185m	270	257	249	242
Zinc	ppm	ASTM D5185m	0	8	21	21
Sulfur	ppm	ASTM D5185m	11200	6795	7013	7057
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	3	14	13
Sodium	ppm	ASTM D5185m		0	<1	<1
Potassium	ppm	ASTM D5185m	>20	2	2	2
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.40	0.45	0.44	0.48
VISUAL		method			history1	history2



# **OIL ANALYSIS REPORT**





Certificate L2367

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

: 05929802 : 10615073 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0095499 Received : 21 Aug 2023

: 22 Aug 2023 Diagnosed Diagnostician : Wes Davis

SDI - Steel DynamicsInc. - Heartland 455 West Industrial Drive

Terre Haute, IN US 47802

Contact: BRAD ELLIS brad.ellis@steeldynamics.com

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.

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

Report Id: SDITER [WUSCAR] 05929802 (Generated: 08/22/2023 13:31:51) Rev: 1

Contact/Location: BRAD ELLIS - SDITER

T:

F: