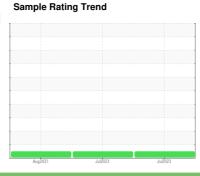


OIL ANALYSIS REPORT

Galy Line [Galv Line] 670025-TEMPER MILL TOP SPINDLE

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.

Aug ²⁰²¹ Ju ² 023 Ju ² 023						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0101478	PCA0101477	PCA0054803
Sample Date		Client Info		01 Jul 2023	01 Jul 2023	21 Aug 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METAL	_S	method	limit/base	current	history1	history2
PQ		ASTM D8184		29	14	
Iron	ppm	ASTM D5185m	>200	28	13	6
Chromium	ppm	ASTM D5185m	>15	0	0	0
Nickel	ppm	ASTM D5185m	>15	<1	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	<1
Lead	ppm	ASTM D5185m	>100	<1	<1	0
Copper	ppm	ASTM D5185m	>200	0	0	0
Tin	ppm	ASTM D5185m	>25	<1	0	0
Antimony	ppm	ASTM D5185m	>5			0
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	3	3	12
Barium	ppm	ASTM D5185m	0	0	0	<1
Molybdenum	ppm	ASTM D5185m	0	<1	<1	0
Manganese	ppm	ASTM D5185m	0	<1	<1	0
Magnesium	ppm	ASTM D5185m	0	<1	<1	0
Calcium	ppm	ASTM D5185m	0	9	8	5
Phosphorus	ppm	ASTM D5185m	270	270	286	271
Zinc	ppm	ASTM D5185m	0	10	8	5
Sulfur	ppm	ASTM D5185m	11200	11430	11794	8301
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	0	0	<1
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	1	<1	0
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
A	1/011/	4 OT1 4 D00 45	0.40		0.50	

0.54

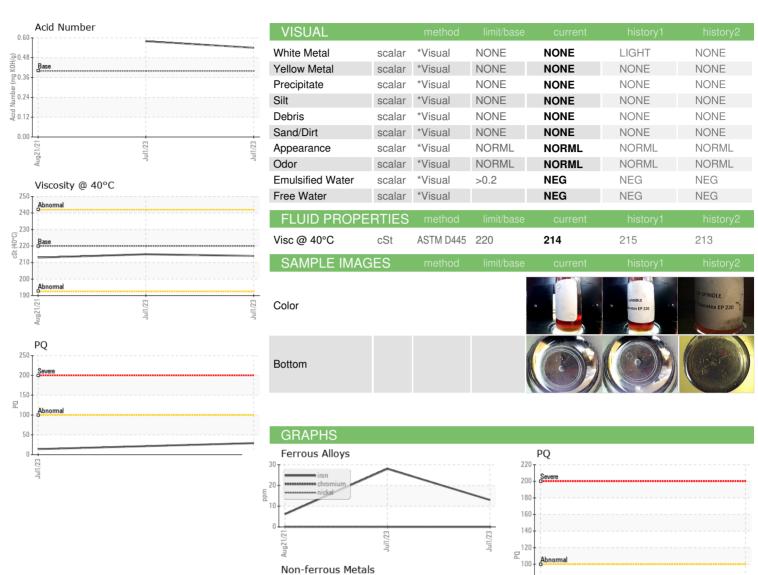
Acid Number (AN)

mg KOH/g ASTM D8045 0.40

0.58



OIL ANALYSIS REPORT







Certificate L2367

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

Test Package : PLANT

240

180

ś 200

> : PCA0101478 : 05929799

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

Viscosity @ 40°C

: 10615070

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 21 Aug 2023 : 22 Aug 2023 Diagnosed

80

(B) 0.60 W 0.48

€0.36 흗 0.24

₹ 0.12 00.00 PG Acid Number

: Wes Davis Diagnostician

SDI - Steel DynamicsInc. - Heartland

455 West Industrial Drive Terre Haute, IN US 47802

Contact: BRAD ELLIS

brad.ellis@steeldynamics.com T:

* - 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)

F: