

OIL ANALYSIS REPORT

Galv Line [Galv Line] 620170-FLATTENER 2 Component

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

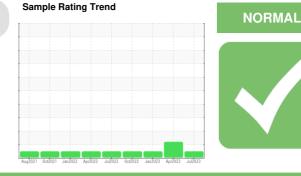
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

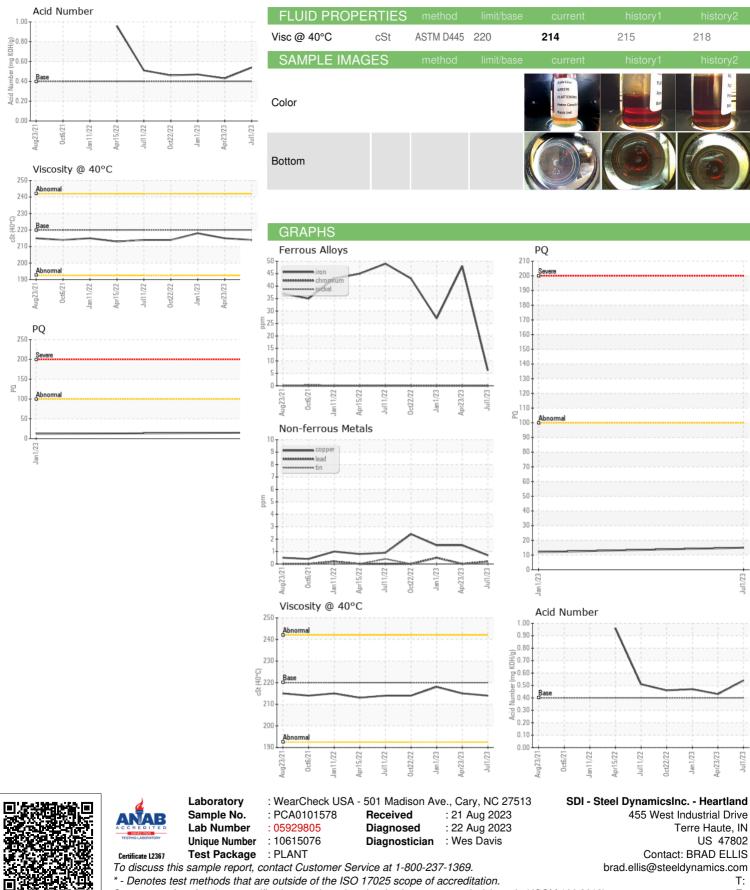


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Vanadium ppm ASTM D5185m 0	
Cadmium ppm ASTM D5185m 0 0 0	
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Boron ppm ASTM D5185m 60 15 1 8	
Barium ppm ASTM D5185m 0 0 0 0	
Molybdenum ppm ASTM D5185m 0 <1 0 0	
Manganese ppm ASTM D5185m 0 <1 <1	
Magnesium ppm ASTM D5185m 0 2 1 1	
Calcium ppm ASTM D5185m 0 16 14 14	
Phosphorus ppm ASTM D5185m 270 230 272 24	5
Zinc ppm ASTM D5185m 0 10 22 17	
Sulfur ppm ASTM D5185m 11200 7401 11808 10	093
CONTAMINANTS method limit/base current history1 h	nistory2
Silicon ppm ASTM D5185m >50 0 2	
Sodium ppm ASTM D5185m 0 <1	
Potassium ppm ASTM D5185m >20 <1 0 0	

FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.40	0.54	0.43	0.47
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
Free Water	scalar	*Visual		NEG	ocation BRAD E	LLISIESDITER



OIL ANALYSIS REPORT



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

Contact/Location: BRAD ELLIS - SDITER

US 47802

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