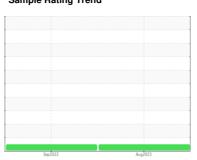


## **OIL ANALYSIS REPORT**

#### Sample Rating Trend



**NORMAL** 



# Machine Id CRANE 15 TROLLEY

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.

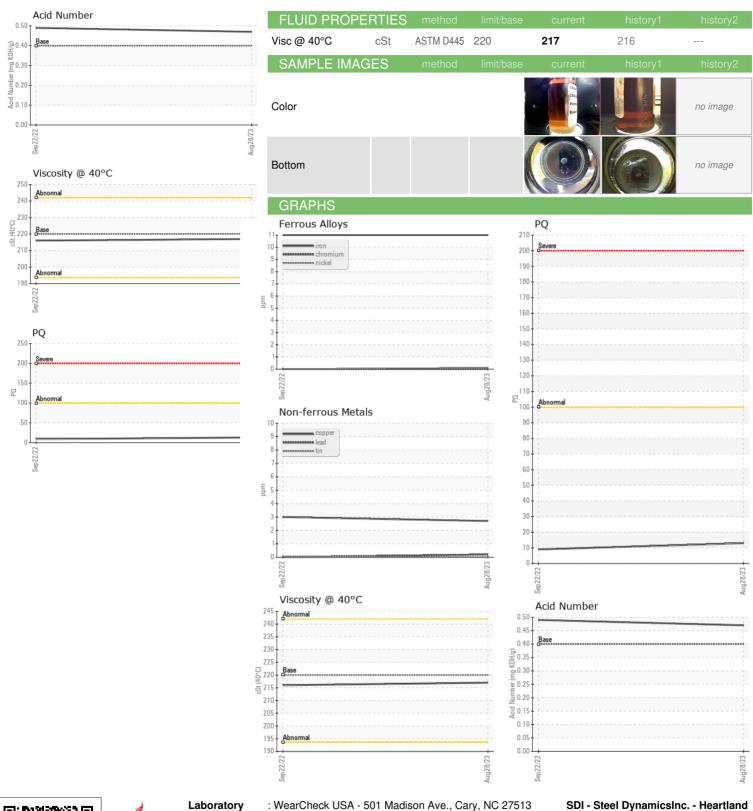
ATION	method Client Info Client Info Client Info Client Info	Sup <sup>2</sup> 022	I Aug <sup>2</sup> 023	history1	history2
nrs	Client Info Client Info Client Info	limit/base	current	history1	history2
	Client Info Client Info				
	Client Info		PCA0101513	PCA0079671	
			28 Aug 2023	22 Sep 2022	
nrs	Client Info		0	0	
			0	0	
	Client Info		N/A	Not Changd	
			NORMAL	NORMAL	
	method	limit/base	current	history1	history2
	ASTM D8184		13	9	
opm	ASTM D5185m	>200	11	11	
opm	ASTM D5185m	>15	0	0	
opm	ASTM D5185m	>15	<1	0	
opm	ASTM D5185m		0	0	
opm	ASTM D5185m		0	0	
ppm	ASTM D5185m	>25	0	<1	
opm	ASTM D5185m	>100	<1	0	
pm	ASTM D5185m	>200	3	3	
opm	ASTM D5185m	>25	0	0	
opm	ASTM D5185m		0	0	
opm	ASTM D5185m		0	0	
	method	limit/base	current	history1	history2
pm	ASTM D5185m	60	3	1	
ppm	ASTM D5185m	0	23	10	
pm	ASTM D5185m	0	0	0	
opm	ASTM D5185m	0	<1	<1	
ppm	ASTM D5185m	0	1	<1	
opm	ASTM D5185m	0	5	5	
pm	ASTM D5185m	270	207	194	
pm	ASTM D5185m	0	13	9	
opm	ASTM D5185m	11200	12461	13752	
S	method	limit/base	current	history1	history2
		>50	04	19	
mgc	ASTM D5185m		21	10	
opm opm				0	
opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m		0 <1		
opm	ASTM D5185m		0	0	  history2
opm	ASTM D5185m ASTM D5185m	>20	0 <1	0	history2
opm opm ATION	ASTM D5185m ASTM D5185m method	>20 limit/base	0 <1 current	0 1 history1	history2
opm opm ATION	ASTM D5185m ASTM D5185m method ASTM D8045	>20 limit/base 0.40	0 <1 current 0.47	0 1 history1 0.49	
opm opm ATION ng KOH/g	ASTM D5185m ASTM D5185m method ASTM D8045 method	>20 limit/base 0.40 limit/base	0 <1 current 0.47 current	0 1 history1 0.49 history1	
opm opm ATION ng KOH/g scalar	ASTM D5185m ASTM D5185m method ASTM D8045 method *Visual	>20 limit/base 0.40 limit/base NONE	0 <1 current 0.47 current NONE	0 1 history1 0.49 history1 VLITE	history2
oppm ATION ang KOH/g scalar scalar	ASTM D5185m ASTM D5185m method ASTM D8045 method *Visual	>20 limit/base 0.40 limit/base NONE NONE	0 <1 current 0.47 current NONE	0 1 history1 0.49 history1 VLITE NONE	history2
oppm  ATION  ag KOH/g  scalar  scalar  scalar	ASTM D5185m ASTM D5185m method ASTM D8045 method *Visual *Visual *Visual	>20 limit/base 0.40 limit/base NONE NONE	0 <1 current 0.47 current NONE NONE	0 1 history1 0.49 history1 VLITE NONE NONE	history2
ATION  ATION  ATION  ACION  AC	ASTM D5185m ASTM D5185m method ASTM D8045 method *Visual *Visual *Visual *Visual	>20 limit/base 0.40 limit/base NONE NONE NONE NONE	current 0.47 current NONE NONE NONE NONE	0 1 history1 0.49 history1 VLITE NONE NONE	history2
ATION ATION ang KOH/g scalar scalar scalar scalar	ASTM D5185m ASTM D5185m method ASTM D8045 method *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 limit/base 0.40 limit/base NONE NONE NONE NONE NONE NONE	current 0.47 current NONE NONE NONE NONE NONE NONE NONE	0 1 history1 0.49 history1 VLITE NONE NONE NONE	history2
opm opm opm ATION ng KOH/g scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m method ASTM D8045 method *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 limit/base 0.40 limit/base NONE NONE NONE NONE NONE NONE NONE	current 0.47 current NONE NONE NONE NONE NONE NONE NONE NON	history1 0.49 history1 VLITE NONE NONE NONE NONE NONE	history2
	opm	ASTM D5185m	ASTM D5185m   >200	Opm         ASTM D5185m         >200         11           Opm         ASTM D5185m         >15         0           Opm         ASTM D5185m         >15         <1	Oppm         ASTM D5185m         >200         11         11           Oppm         ASTM D5185m         >15         0         0           Oppm         ASTM D5185m         0         0         0           Oppm         ASTM D5185m         0         0         0           Oppm         ASTM D5185m         >25         0         <1

ocation BRAD ELLIS - SDITER

NEG



## **OIL ANALYSIS REPORT**





Certificate L2367

Laboratory Sample No. Lab Number Unique Number : 10622626 Test Package : PLANT

: PCA0101513 : 05937355

Received Diagnosed

: 29 Aug 2023 : 30 Aug 2023 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)

T:

F: