

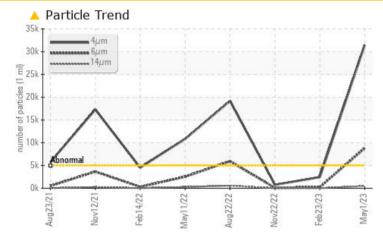
PROBLEM SUMMARY

Pickle Line Machine Id [Pickle Line] 585270-EXIT COIL CAR

Hydraulic System

PETRO CANADA HYDREX AW 46 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status		ABNORMAL	NORMAL	NORMAL			
Particles >4µm	ASTM D7647 >5000	🔺 31466	2455	756			
Particles >6µm	ASTM D7647 >1300	<u> </u>	250	94			
Particles >14µm	ASTM D7647 >160	<u> </u>	10	6			
Particles >21µm	ASTM D7647 >40	<u> </u>	2	2			
Oil Cleanliness	ISO 4406 (c) >19/17/	14 🔺 22/20/16	18/15/10	17/14/10			

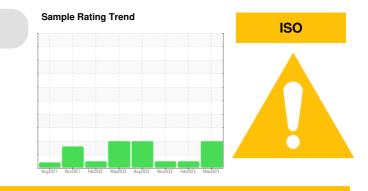
Customer Id: SDITER Sample No.: PCA0095478 Lab Number: 05894365 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 don.b505@comcast.net

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com



RECOMMENDED ACTIONS					
Action	Status	Date	Done By	Description	
Change Filter			?	We recommend you service the filters on this component.	

HISTORICAL DIAGNOSIS

NORMAL



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

22 Nov 2022 Diag: Don Baldridge

23 Feb 2023 Diag: Don Baldridge

NORMAL



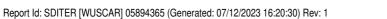
Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

ISO

22 Aug 2022 Diag: Don Baldridge

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







OIL ANALYSIS REPORT

Pickle Line Machine Id [Pickle Line] 585270-EXIT COIL CAR

Hydraulic System

PETRO CANADA HYDREX AW 46 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

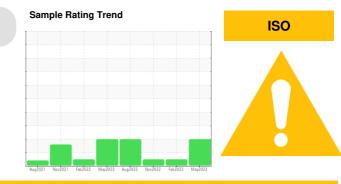
All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

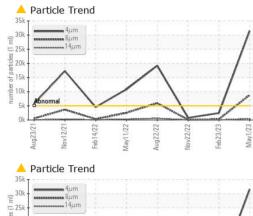
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

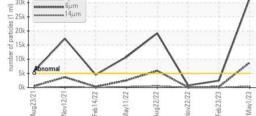


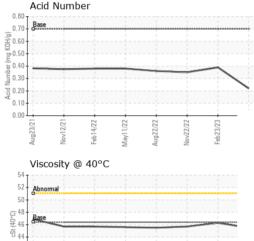
SAMPLE INFOR	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		PCA0095478	PCA0089477	PCA0081718
Sample Date		Client Info		01 May 2023	23 Feb 2023	22 Nov 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METAL	S	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>20	1	0	<1
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>20	0	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	<1	<1	0
Lead	ppm	ASTM D5185m	>20	0	0	<1
Copper	ppm	ASTM D5185m	>20	5	0	7
Tin	ppm	ASTM D5185m	>20	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	<1
Manganese	ppm	ASTM D5185m	0	0	0	0
Magnesium	ppm	ASTM D5185m	0	6	1	2
Calcium	ppm	ASTM D5185m	50	46	57	48
Phosphorus	ppm	ASTM D5185m	330	300	318	320
Zinc	ppm	ASTM D5185m	430	365	411	396
Sulfur	ppm	ASTM D5185m	760	1740	1095	1172
CONTAMINAN	ITS	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>15	0	<1	<1
Sodium	ppm	ASTM D5185m		<1	<1	0
Potassium	ppm	ASTM D5185m	>20	0	<1	0
FLUID CLEAN	LINESS	method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647	>5000	A 31466	2455	756
Particles >6µm		ASTM D7647	>1300	<u> </u>	250	94
Particles >14µm		ASTM D7647	>160	<u> </u>	10	6
Particles >21µm		ASTM D7647	>40	<mark>/</mark> 89	2	2
Particles >38µm		ASTM D7647	>10	2	1	0
Particles >71µm		ASTM D7647	>3	0	1	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	A 22/20/16	18/15/10	17/14/10
FLUID DEGRA		method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.70	0.22	0.39	0.35



OIL ANALYSIS REPORT







Mav11/22

Feb 14/22

Vov12/21

42

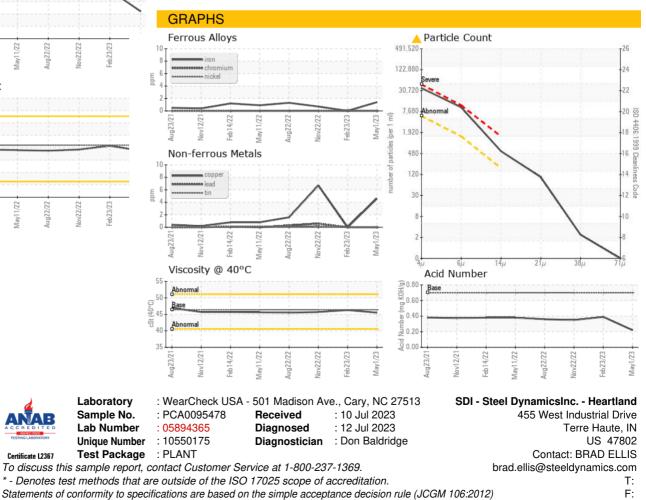
40

38

Aug23/21

VISUAL		method	limit/base	current	history 1	history 2
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	LIGHT	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	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	46.4	45.5	46.3	45.7
SAMPLE IMAG	GES	method	limit/base	current	history 1	history 2
Color					Bit Re Ad	

Bottom



Contact/Location: BRAD ELLIS - SDITER