

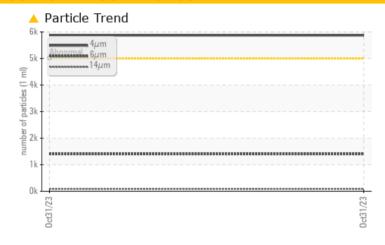
PROBLEM SUMMARY

Sample Rating Trend

Machine Id **PRESS 7** Component Hydraulic System

COMPONENT CONDITION SUMMARY

PETRO CANADA HYDREX AW 46 (--- GAL)



RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS									
Sample Status			ATTENTION						
Particles >4µm	ASTM D7647	>5000	6 5872						
Particles >6µm	ASTM D7647	>1300	4 1401						
Oil Cleanliness	ISO 4406 (c)	>19/17/14	20/18/14						

Customer Id: EVEPIQ Sample No.: PCA0109500 Lab Number: 05999012 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 <u>dougb@wearcheckusa.com</u>

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT



PRESS 7

Component Hydraulic System Fluid PETRO CANADA HYDREX AW 46 (--- GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

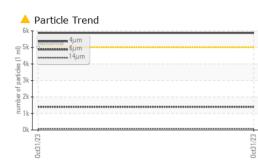
Sample NumberClient InfoPCA0109500······Sample DateClient Info31 Oct 2023········Machine AgehrsClient Info0··········Oil AgehrsClient InfoNot Changd··········Sample Status·Client InfoNot Changd··········WEAR METALSmethodImmusecurrenthistory·····NickelppmASTM 05155·200··	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 Oil Age hrs Client Info Not Changed Sample Status I Imit/base current history1 WEAR METALS method Imit/base current history1 WEAR METALS method Imit/base current history1 Nickel ppm ASTM D5185m >20 0 Nickel ppm ASTM D5185m >20 0 Silver ppm ASTM D5185m >20 0 Auminum ppm ASTM D5185m >20 0 Gopper ppm ASTM D5185m >20 0 Guadmium ppm ASTM D5185m >20 0 Gadmium ppm ASTM D5185m 0 0 -	Sample Number		Client Info		PCA0109500		
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Oil Cleanliness ISO 4406 (c) >19/17/14 20/18/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>10	1		
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0		
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	20/18/14		
Acid Number (AN) mg KOH/g ASTM D8045 0.70 1.39	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.70	1.39		



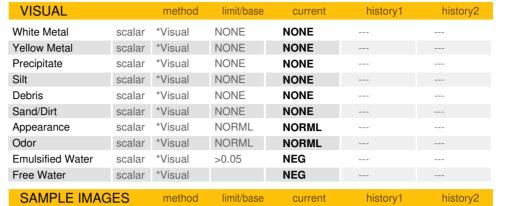
OIL ANALYSIS REPORT

Color

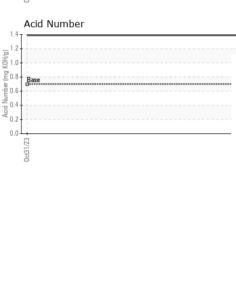
Bottom











Viscosity @ 40°C

60

50

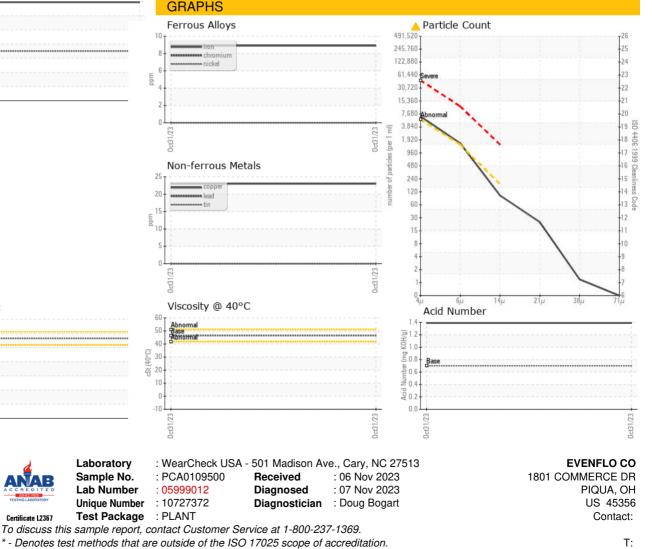
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20

10

cSt (40°C) 30

55



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

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Certificate L2367