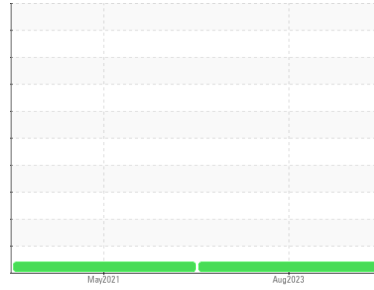


PROBLEM SUMMARY

Sample Rating Trend



VISCOSITY



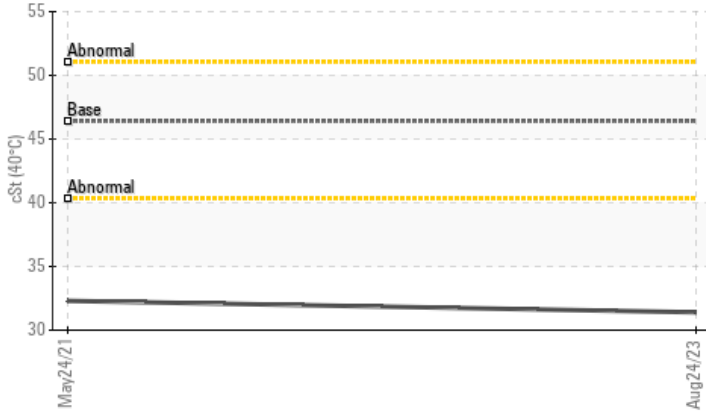
Machine Id
CINCINNATI 150

Component
Hydraulic System

Fluid
PETRO CANADA HYDREX AW 46 (40 GAL)

COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	ATTENTION	---
Visc @ 40°C	cSt	ASTM D445	46.4	▲ 31.4	▲ 32.3	---

Customer Id: TRELK
Sample No.: PCA0104059
Lab Number: 05935077
Test Package: IND 1



To manage this report scan the QR code

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

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

24 May 2021 Diag: Jonathan Hester

VISCOSITY



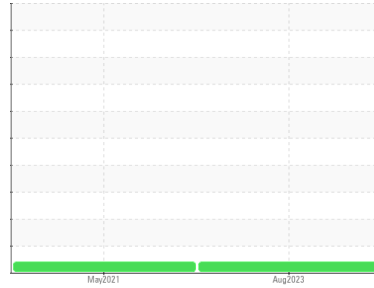
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
CINCINNATI 150

Component
Hydraulic System

Fluid
PETRO CANADA HYDREX AW 46 (40 GAL)

DIAGNOSIS

▲ 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 no indication of any contamination in the oil.

▲ Fluid Condition

Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type.

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info	PCA0104059	PCA0032707	---
Sample Date	Client Info	24 Aug 2023	24 May 2021	---
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	Not Changed	Not Changed	---
Sample Status		ATTENTION	ATTENTION	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	>20	0	0	---
Chromium	ppm	ASTM D5185m	>20	0	0	---
Nickel	ppm	ASTM D5185m	>20	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>20	0	0	---
Lead	ppm	ASTM D5185m	>20	0	0	---
Copper	ppm	ASTM D5185m	>20	0	0	---
Tin	ppm	ASTM D5185m	>20	0	0	---
Antimony	ppm	ASTM D5185m		---	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185m	0	0	2	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	<1	<1	---
Manganese	ppm	ASTM D5185m	0	0	0	---
Magnesium	ppm	ASTM D5185m	0	6	10	---
Calcium	ppm	ASTM D5185m	50	85	82	---
Phosphorus	ppm	ASTM D5185m	330	345	326	---
Zinc	ppm	ASTM D5185m	430	420	414	---
Sulfur	ppm	ASTM D5185m	760	1085	853	---

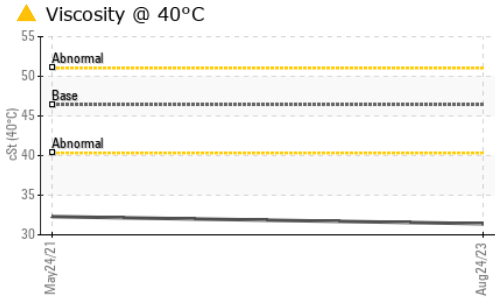
CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>15	0	0	---
Sodium	ppm	ASTM D5185m		1	1	---
Potassium	ppm	ASTM D5185m	>20	0	0	---

VISUAL method limit/base current history1 history2

White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---

OIL ANALYSIS REPORT

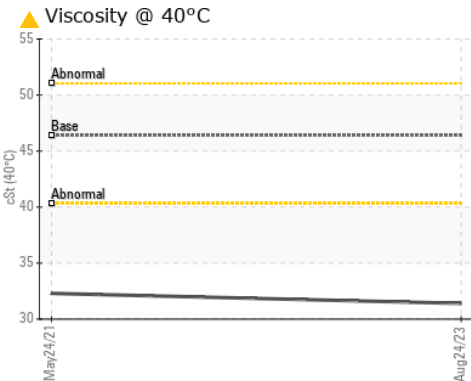
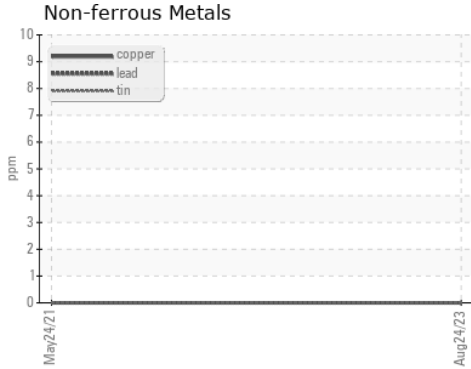
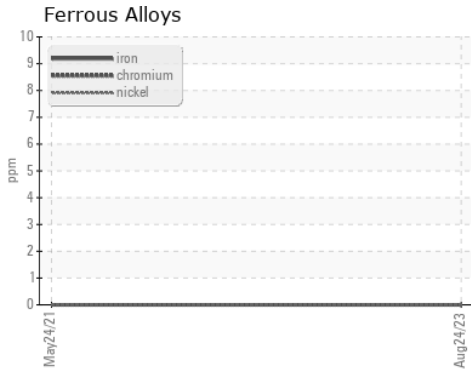


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46.4	▲ 31.4	▲ 32.3	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color						no image
Bottom						no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0104059 **Received** : 25 Aug 2023
Lab Number : 05935077 **Diagnosed** : 28 Aug 2023
Unique Number : 10620348 **Diagnostician** : Don Baldrige
Test Package : IND 1

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)

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 ELK GROVE VILLAGE, IL
 US 60007
 Contact: ROB GABL
 rgabl@trendtechnologies.com

T:
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