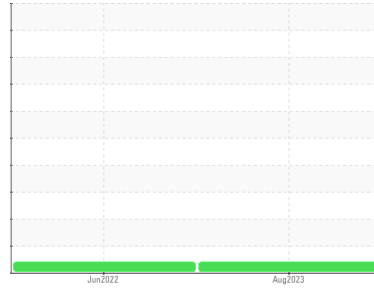


PROBLEM SUMMARY

Sample Rating Trend



VISCOSITY



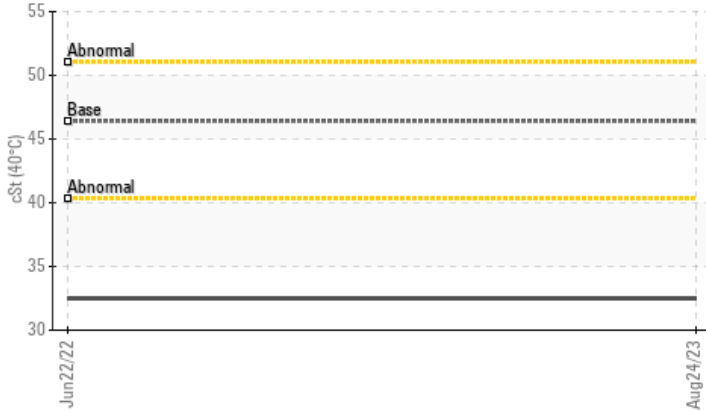
Machine Id
CINCINNATI 159

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	▲ 32.5	▲ 32.5	---

Customer Id: TRELK
Sample No.: PCA0104055
Lab Number: 05935082
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

22 Jun 2022 Diag: Don Baldrige

VISCOSITY



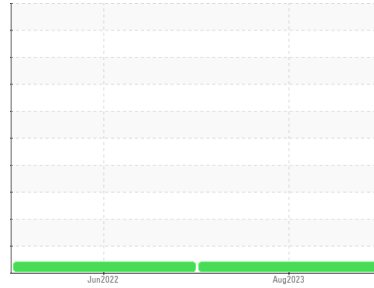
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
CINCINNATI 159

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	PCA0104055	PCA0076563	---
Sample Date	Client Info	24 Aug 2023	22 Jun 2022	---
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	0	4000
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	<1	<1
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	0
Aluminum	ppm	ASTM D5185m >20	0	0
Lead	ppm	ASTM D5185m >20	0	<1
Copper	ppm	ASTM D5185m >20	<1	<1
Tin	ppm	ASTM D5185m >20	0	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	0
Barium	ppm	ASTM D5185m 0	0	0
Molybdenum	ppm	ASTM D5185m 0	0	0
Manganese	ppm	ASTM D5185m 0	0	0
Magnesium	ppm	ASTM D5185m 0	2	2
Calcium	ppm	ASTM D5185m 50	67	62
Phosphorus	ppm	ASTM D5185m 330	341	306
Zinc	ppm	ASTM D5185m 430	422	406
Sulfur	ppm	ASTM D5185m 760	951	812

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	<1	1
Sodium	ppm	ASTM D5185m	<1	0
Potassium	ppm	ASTM D5185m >20	0	1

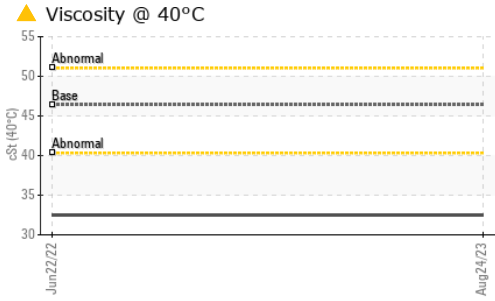
VISUAL

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	NONE
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

FLUID PROPERTIES

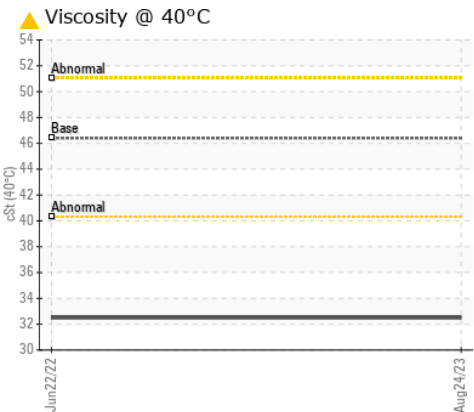
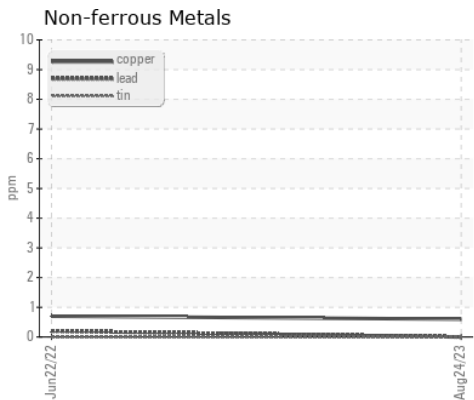
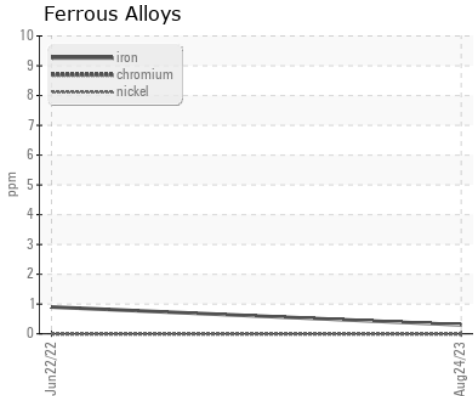
method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46.4	▲ 32.5	▲ 32.5

OIL ANALYSIS REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0104055 **Received** : 25 Aug 2023
Lab Number : 05935082 **Diagnosed** : 28 Aug 2023
Unique Number : 10620353 **Diagnostician** : Don Baldrige
Test Package : IND 1

TREND TECHNOLOGIES
 737 FARGO AVE
 ELK GROVE VILLAGE, IL
 US 60007
 Contact: ROB GABL
 rgabl@trendtechnologies.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: