

PROBLEM SUMMARY

Area
[98076835]
 Machine Id
KR-GR-003472 - PUMP - TRANSFER HOPPER MEAT (S/N MIX A - 11535133)
 Component
Gearbox
 Fluid
PETRO CANADA 220 (--- QTS)

Sample Rating Trend

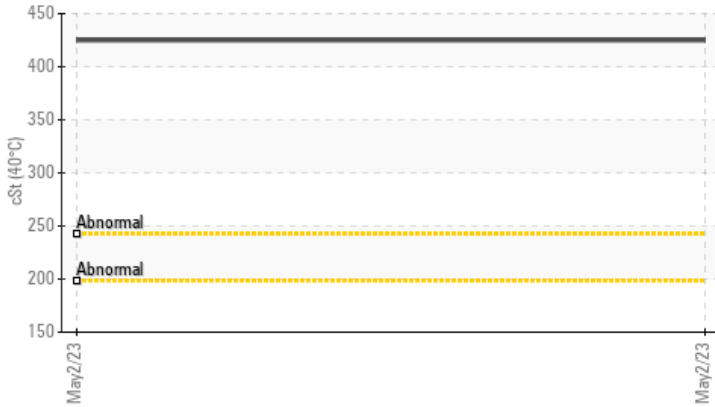


WATER



COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL	---	---
Free Water	scalar	*Visual	▲ 1.0
Visc @ 40°C	cSt	ASTM D445	▲ 425

Customer Id: KRAKIR
 Sample No.: PCA0073069
 Lab Number: 05839689
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Water Drain-off	---	---	?	We advise that you follow the water drain-off procedure for this component.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend

WATER



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 Machine Id
KR-GR-003472 - PUMP - TRANSFER HOPPER MEAT (S/N MIX A - 11535133)
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DIAGNOSIS

- Recommendation**
 We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.
- Wear**
 All component wear rates are normal.
- Contamination**
 Free water present.
- Fluid Condition**
 Viscosity of sample indicates oil is within ISO 460 range, advise investigate. Confirm oil type.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0073069	---	---
Sample Date	Client Info	02 May 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>200	132	---	---
Chromium ppm ASTM D5185m	>15	4	---	---
Nickel ppm ASTM D5185m	>15	2	---	---
Titanium ppm ASTM D5185m		0	---	---
Silver ppm ASTM D5185m		0	---	---
Aluminum ppm ASTM D5185m	>25	1	---	---
Lead ppm ASTM D5185m	>100	0	---	---
Copper ppm ASTM D5185m	>200	0	---	---
Tin ppm ASTM D5185m	>25	0	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		0	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		18	---	---
Manganese ppm ASTM D5185m		2	---	---
Magnesium ppm ASTM D5185m		0	---	---
Calcium ppm ASTM D5185m		5	---	---
Phosphorus ppm ASTM D5185m		647	---	---
Zinc ppm ASTM D5185m		0	---	---
Sulfur ppm ASTM D5185m		1760	---	---

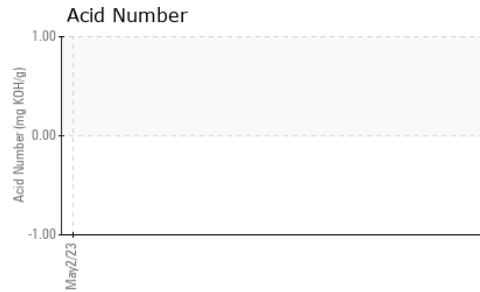
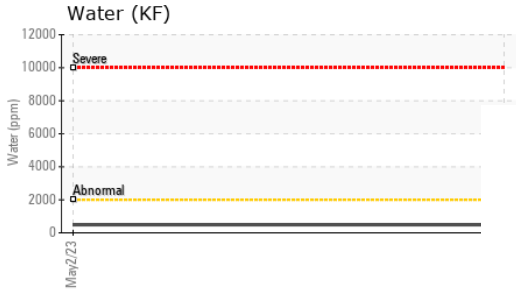
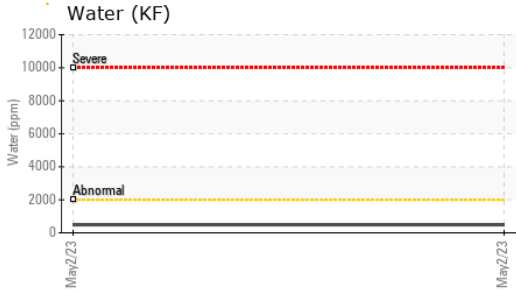
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>50	18	---	---
Sodium ppm ASTM D5185m		<1	---	---
Potassium ppm ASTM D5185m	>20	1	---	---
Water % ASTM D6304	>0.2	0.049	---	---
ppm Water ppm ASTM D6304	>2000	490	---	---

VISUAL

method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	MODER	---	---
Yellow Metal scalar *Visual	NONE	NONE	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
Silt scalar *Visual	NONE	NONE	---	---
Debris scalar *Visual	NONE	NONE	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---
Appearance scalar *Visual	NORML	NORML	---	---
Odor scalar *Visual	NORML	NORML	---	---
Emulsified Water scalar *Visual	>0.2	0.2%	---	---
Free Water scalar *Visual		▲ 1.0	---	---

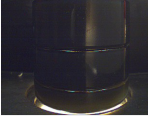
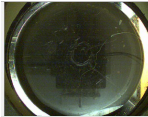
OIL ANALYSIS REPORT



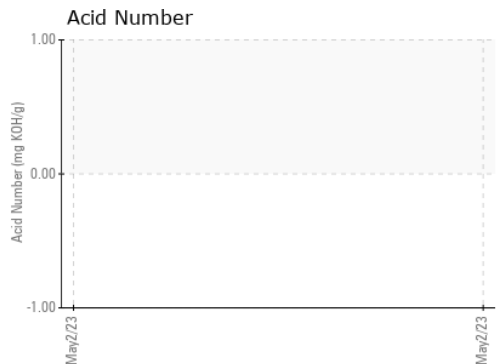
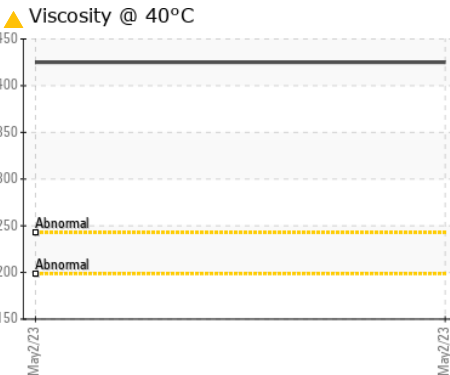
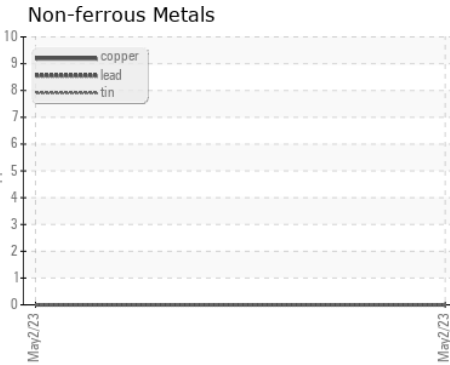
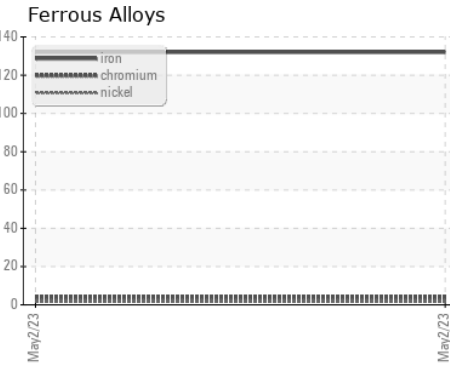
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	▲ 425	---	---

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. : PCA0073069 **Received** : 05 May 2023
Lab Number : 05839689 **Diagnosed** : 10 May 2023
Unique Number : 10458492 **Diagnostician** : Jonathan Hester
Test Package : IND 2 (Additional Tests: KF, PrtCount)

KraftHeinz - Kirksville - Plant 8333 PCA
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 KIRKSVILLE, MO
 US 63501
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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)