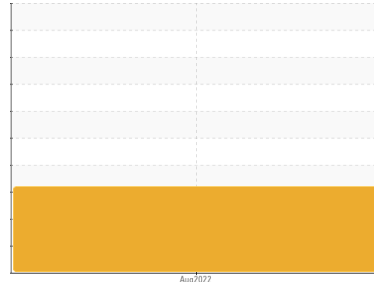




PROBLEM SUMMARY

Area
S2 BATCH
 Machine Id
10136755 MAJOR HOMOGENIZER CRANKCASE
 Component
Gear Case
 Fluid
PETRO CANADA PURITY FG EP GEAR OIL 220 (45 LTR)

Sample Rating Trend

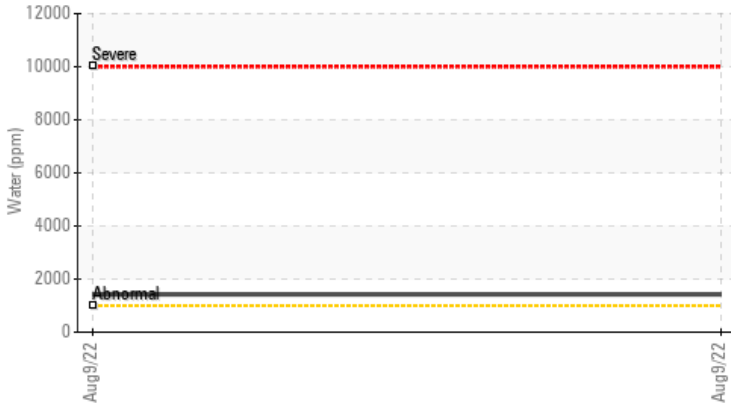


WATER



COMPONENT CONDITION SUMMARY

▲ Water (KF)



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	---	---
Water	%	ASTM D6304	>0.1	▲ 0.142	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 1420	---	---
Free Water	scalar	*Visual		▲ 1.0	---	---

Customer Id: CONWATIA
 Sample No.: WC0692708
 Lab Number: 05618372
 Test Package: PLANT



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	MISSED	Nov 18 2022	?	We advise that you follow the water drain-off procedure for this component.

HISTORICAL DIAGNOSIS

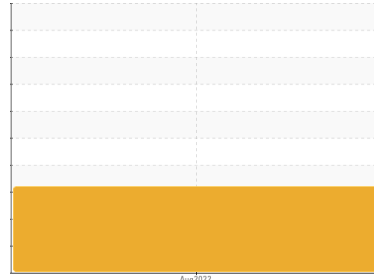


OIL ANALYSIS REPORT

Sample Rating Trend

WATER

Area
S2 BATCH
 Machine Id
10136755 MAJOR HOMOGENIZER CRANKCASE
 Component
Gear Case
 Fluid
PETRO CANADA PURITY FG EP GEAR OIL 220 (45 LTR)



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. There is a light concentration of water 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 INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0692708	---	---
Sample Date	Client Info		09 Aug 2022	---	---
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 >150	2	---	---
Chromium	ppm	ASTM D5185m >10	0	---	---
Nickel	ppm	ASTM D5185m >10	<1	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	<1	---	---
Aluminum	ppm	ASTM D5185m >25	2	---	---
Lead	ppm	ASTM D5185m >100	6	---	---
Copper	ppm	ASTM D5185m >50	<1	---	---
Tin	ppm	ASTM D5185m >10	2	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<1	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	0	---	---
Manganese	ppm	ASTM D5185m	0	---	---
Magnesium	ppm	ASTM D5185m	0	---	---
Calcium	ppm	ASTM D5185m	0	---	---
Phosphorus	ppm	ASTM D5185m	124	---	---
Zinc	ppm	ASTM D5185m	3	---	---
Sulfur	ppm	ASTM D5185m	753	---	---

CONTAMINANTS

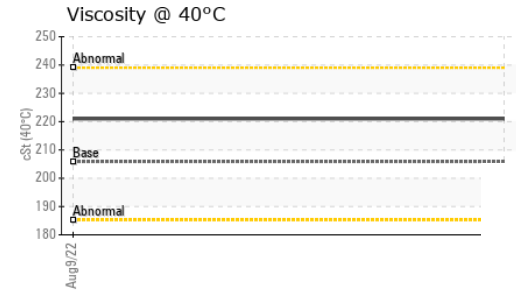
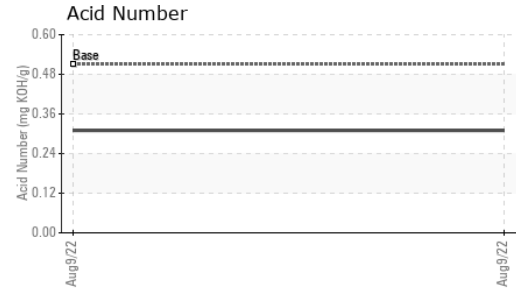
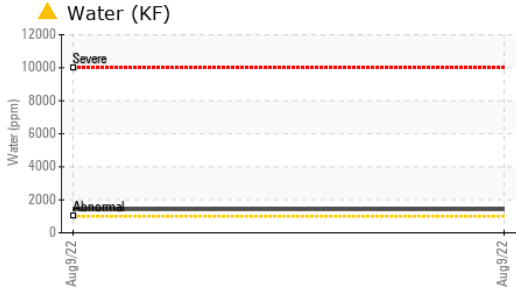
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	3	---	---
Sodium	ppm	ASTM D5185m	0	---	---
Potassium	ppm	ASTM D5185m >20	0	---	---
Water	%	ASTM D6304 >0.1	▲ 0.142	---	---
ppm Water	ppm	ASTM D6304 >1000	▲ 1420	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.51	0.31	---	---



OIL ANALYSIS REPORT



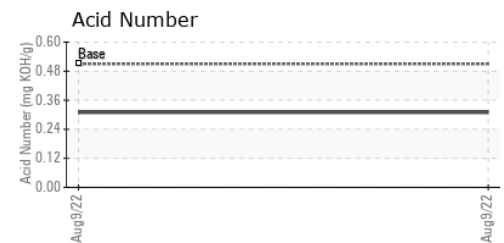
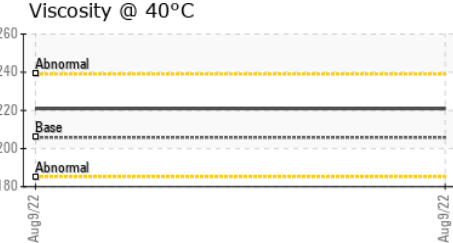
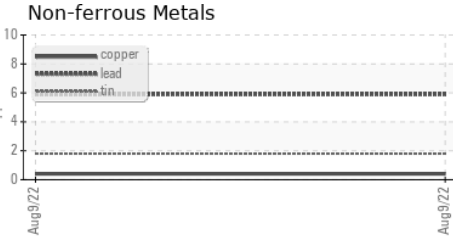
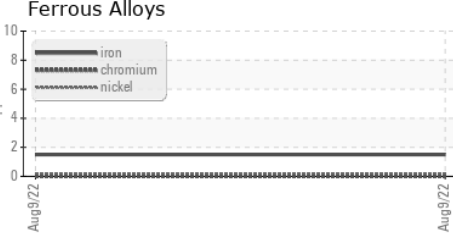
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	0.2%	---	---
Free Water	scalar	*Visual		▲ 1.0	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	205.8	221	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0692708 **Received** : 16 Aug 2022
Lab Number : 05618372 **Diagnosed** : 17 Aug 2022
Unique Number : 10097879 **Diagnostician** : Jonathan Hester
Test Package : PLANT

CONAGRA FOODS - WATERLOO
 2701 MIDPORT BLVD
 WATERLOO, IA
 US 50703
 Contact: BRAD WILSON
 brad.wilson@conagra.com
 T: (319)287-3411
 F:

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)