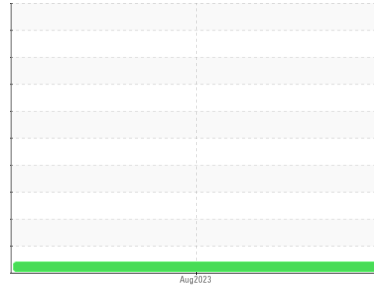


PROBLEM SUMMARY

Area
LOADOUT
 Machine Id
FL27 R LO TOWER RAIL BLOWER #1
 Component
Right Blower
 Fluid
PETRO CANADA SYNDURO SHB ISO 220 (5 QTS)

Sample Rating Trend



VIS DEBRIS



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

| Sample Status | | | | ABNORMAL | --- | --- |
|---------------|--------|---------|------|----------|-----|-----|
| Debris | scalar | *Visual | NONE | ▲ MODER | --- | --- |

Customer Id: ARDWIC
Sample No.: PCA0102104
Lab Number: 05926255
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

There are no recommended actions for this sample.

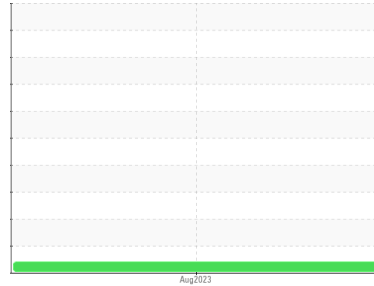
HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Area
LOADOUT
 Machine Id
FL27 R LO TOWER RAIL BLOWER #1
 Component
Right Blower
 Fluid
PETRO CANADA SYNDURO SHB ISO 220 (5 QTS)



DIAGNOSIS

Recommendation
 We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 Moderate concentration of visible dirt/debris 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 | PCA0102104 | --- | --- |
| Sample Date | Client Info | 09 Aug 2023 | --- | --- |
| Machine Age | hrs Client Info | 0 | --- | --- |
| Oil Age | hrs Client Info | 0 | --- | --- |
| Oil Changed | Client Info | Not Chngd | --- | --- |
| Sample Status | | ABNORMAL | --- | --- |

WEAR METALS

| method | limit/base | current | history1 | history2 |
|----------|---------------------|--------------|----------|----------|
| PQ | ASTM D8184 | 20 | --- | --- |
| Iron | ppm ASTM D5185m >20 | 3 | --- | --- |
| Chromium | ppm ASTM D5185m >20 | 0 | --- | --- |
| Nickel | ppm ASTM D5185m >20 | 0 | --- | --- |
| Titanium | ppm ASTM D5185m | 0 | --- | --- |
| Silver | ppm ASTM D5185m | 0 | --- | --- |
| Aluminum | ppm ASTM D5185m >20 | 0 | --- | --- |
| Lead | ppm ASTM D5185m >20 | 0 | --- | --- |
| Copper | ppm ASTM D5185m >20 | 16 | --- | --- |
| Tin | ppm ASTM D5185m >20 | 0 | --- | --- |
| Vanadium | ppm ASTM D5185m | <1 | --- | --- |
| Cadmium | ppm ASTM D5185m | 0 | --- | --- |

ADDITIVES

| method | limit/base | current | history1 | history2 |
|------------|----------------------|-------------|----------|----------|
| Boron | ppm ASTM D5185m | 0 | --- | --- |
| Barium | ppm ASTM D5185m 5.0 | 0 | --- | --- |
| Molybdenum | ppm ASTM D5185m | 0 | --- | --- |
| Manganese | ppm ASTM D5185m | 0 | --- | --- |
| Magnesium | ppm ASTM D5185m 5.0 | 4 | --- | --- |
| Calcium | ppm ASTM D5185m 5.0 | 2 | --- | --- |
| Phosphorus | ppm ASTM D5185m 100 | 123 | --- | --- |
| Zinc | ppm ASTM D5185m 5.0 | 189 | --- | --- |
| Sulfur | ppm ASTM D5185m 1900 | 2530 | --- | --- |

CONTAMINANTS

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

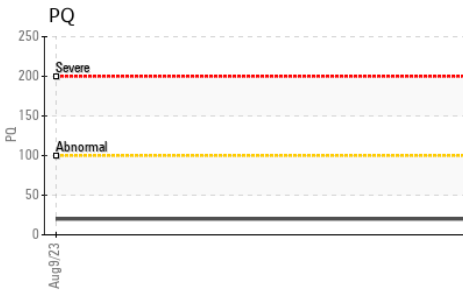
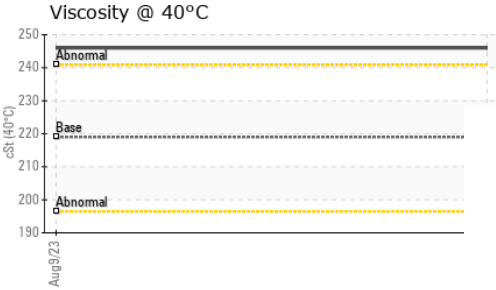
FLUID DEGRADATION

| method | limit/base | current | history1 | history2 |
|------------------|-------------------------|-------------|----------|----------|
| Acid Number (AN) | mg KOH/g ASTM D8045 0.3 | 0.27 | --- | --- |

VISUAL

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



OIL ANALYSIS REPORT



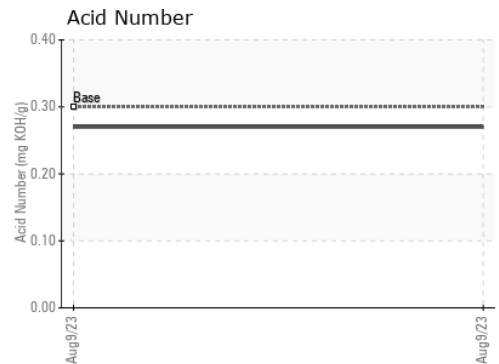
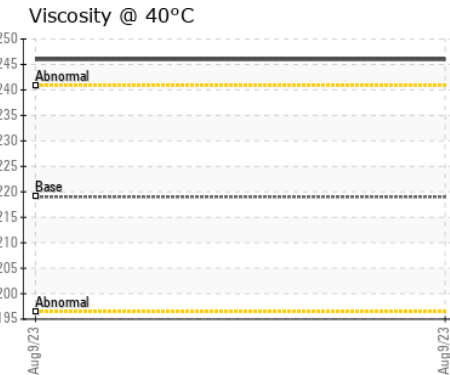
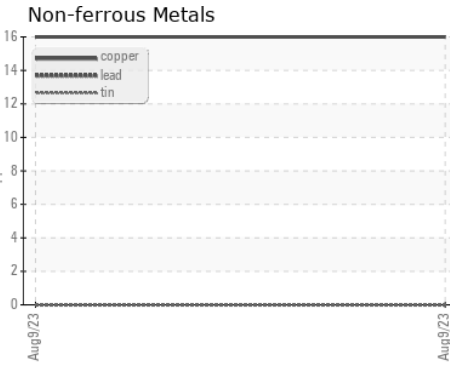
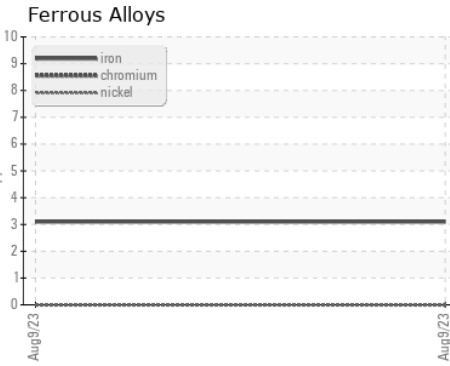
FLUID PROPERTIES

| method | limit/base | current | history1 | history2 |
|-------------|---------------|---------|----------|----------|
| Visc @ 40°C | cSt ASTM D445 | 219 | 246 | --- |

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. : PCA0102104 **Received** : 16 Aug 2023
Lab Number : 05926255 **Diagnosed** : 17 Aug 2023
Unique Number : 10606202 **Diagnostician** : Jonathan Hester
Test Package : PLANT

Ardent Mills - Wichita
 715 E 13TH ST N
 WICHITA, KS
 US 67214-1301
 Contact: DOUG SOMMERS
 doug.sommers@ardentmills.com
 T: (316)670-8006
 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)