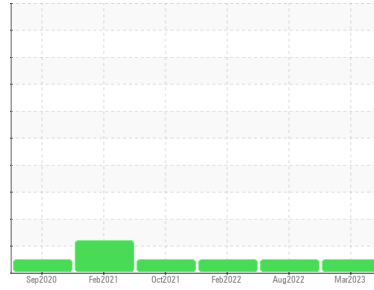


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
FRICK FRICK 702 (S/N 200637)
 Component
Compressor
 Fluid
PETRO CANADA REFLO SYNTHETIC 68A LOW TEMP FLUID (--- GAL)

DIAGNOSIS

Recommendation

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

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

| method | limit/base | current | history 1 | history 2 |
|---------------|-----------------|--------------------|-------------|-------------|
| Sample Number | Client Info | PCA0092599 | PCA0067431 | PCA0059747 |
| Sample Date | Client Info | 09 Mar 2023 | 10 Aug 2022 | 09 Feb 2022 |
| Machine Age | hrs Client Info | 0 | 0 | 0 |
| Oil Age | hrs Client Info | 0 | 0 | 0 |
| Oil Changed | Client Info | N/A | N/A | N/A |
| Sample Status | | NORMAL | NORMAL | NORMAL |

WEAR METALS

| method | limit/base | current | history 1 | history 2 |
|----------|---------------------|--------------|-----------|-----------|
| Iron | ppm ASTM D5185m >50 | 6 | <1 | <1 |
| Chromium | ppm ASTM D5185m >10 | 0 | 0 | 0 |
| Nickel | ppm ASTM D5185m | 1 | 0 | 0 |
| Titanium | ppm ASTM D5185m | 0 | 0 | 0 |
| Silver | ppm ASTM D5185m | 0 | 0 | 0 |
| Aluminum | ppm ASTM D5185m >25 | 1 | 0 | 2 |
| Lead | ppm ASTM D5185m >25 | 0 | 0 | 0 |
| Copper | ppm ASTM D5185m >50 | <1 | 0 | 0 |
| Tin | ppm ASTM D5185m >15 | 0 | 0 | 0 |
| Antimony | ppm ASTM D5185m | --- | --- | 0 |
| Vanadium | ppm ASTM D5185m | 0 | 0 | 0 |
| Cadmium | ppm ASTM D5185m | 0 | 0 | 0 |

ADDITIVES

| method | limit/base | current | history 1 | history 2 |
|------------|-------------------|------------|-----------|-----------|
| Boron | ppm ASTM D5185m 0 | 0 | <1 | <1 |
| Barium | ppm ASTM D5185m 0 | 0 | 0 | 0 |
| Molybdenum | ppm ASTM D5185m 0 | 0 | 0 | 0 |
| Manganese | ppm ASTM D5185m | 0 | 0 | 0 |
| Magnesium | ppm ASTM D5185m 0 | 0 | 0 | 0 |
| Calcium | ppm ASTM D5185m 0 | 0 | 0 | 0 |
| Phosphorus | ppm ASTM D5185m 0 | 2 | 6 | 3 |
| Zinc | ppm ASTM D5185m 0 | 0 | 0 | 0 |
| Sulfur | ppm ASTM D5185m 0 | 222 | 0 | 2 |

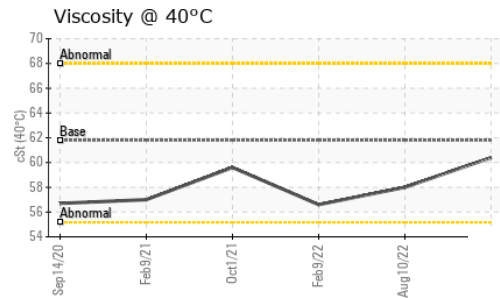
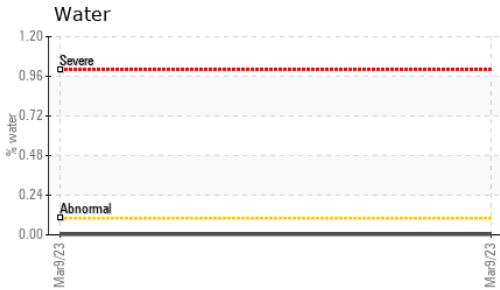
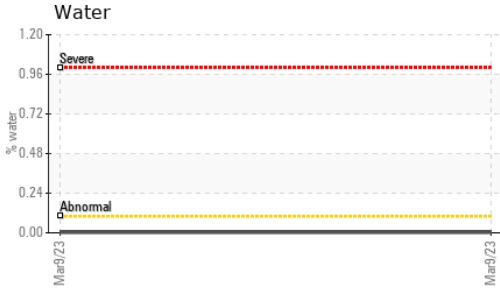
CONTAMINANTS

| method | limit/base | current | history 1 | history 2 |
|-----------|----------------------|--------------|-----------|-----------|
| Silicon | ppm ASTM D5185m >25 | <1 | 0 | <1 |
| Sodium | ppm ASTM D5185m | 0 | 0 | <1 |
| Potassium | ppm ASTM D5185m >20 | <1 | 0 | <1 |
| Water | % ASTM D6304 >0.1 | 0.003 | --- | --- |
| ppm Water | ppm ASTM D6304 >1000 | 31.4 | --- | --- |

FLUID DEGRADATION

| method | limit/base | current | history 1 | history 2 |
|------------------|-------------------------|--------------|-----------|-----------|
| Acid Number (AN) | mg KOH/g ASTM D8045 0.1 | 0.028 | --- | --- |

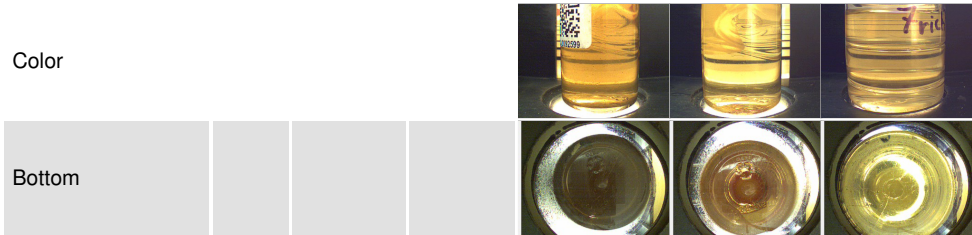
OIL ANALYSIS REPORT



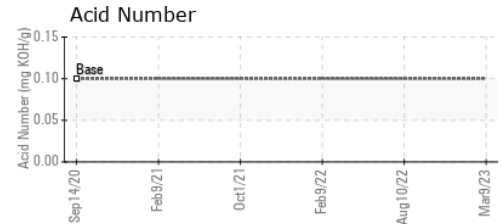
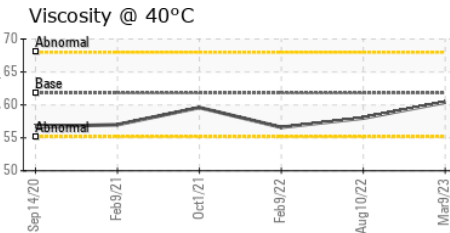
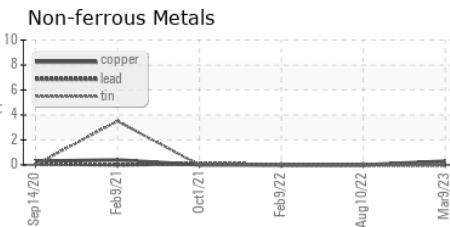
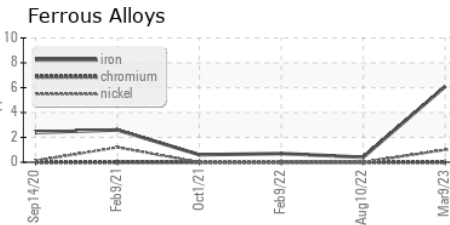
| VISUAL | method | limit/base | current | history 1 | history 2 | |
|------------------|--------|------------|---------|--------------|-----------|-------|
| White Metal | scalar | *Visual | NONE | LIGHT | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Precipitate | scalar | *Visual | NONE | NONE | NONE | NONE |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | LIGHT | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | NEG | NEG |
| Free Water | scalar | *Visual | | NEG | NEG | NEG |

| FLUID PROPERTIES | method | limit/base | current | history 1 | history 2 | |
|------------------|--------|------------|---------|-------------|-----------|------|
| Visc @ 40°C | cSt | ASTM D445 | 61.8 | 60.4 | 58.0 | 56.6 |

| SAMPLE IMAGES | method | limit/base | current | history 1 | history 2 |
|---------------|--------|------------|---------|-----------|-----------|
|---------------|--------|------------|---------|-----------|-----------|



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0092599 **Received** : 10 Mar 2023
Lab Number : **05788571** **Diagnosed** : 13 Mar 2023
Unique Number : 10373242 **Diagnostician** : Jonathan Hester
Test Package : IND 2 (Additional Tests: KF)

SMITHFIELD FOODS
 ONE SWEET APPLEWOOD LANE
 CUDAHY, WI
 US 53110
 Contact: PETE LERAY
 pleray@smithfield.com
 T: (414)918-3258
 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)