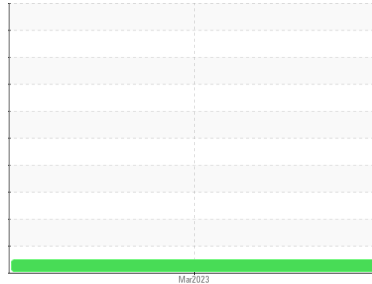


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**ALIMENTOS PRO SALUD**  
Machine Id  
**FRICK COMPRESSOR #3**

Component  
**3 Compressor**  
Fluid  
**PETRO CANADA REFLO 68A AMMONIA OIL (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

The water content is negligible. 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            | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|----------|----------|
| Sample Number      | Client Info |             |            | <b>PC0070487</b>   | ---      | ---      |
| Sample Date        | Client Info |             |            | <b>01 Mar 2023</b> | ---      | ---      |
| Machine Age        | hrs         | Client Info |            | <b>0</b>           | ---      | ---      |
| Oil Age            | hrs         | Client Info |            | <b>11088</b>       | ---      | ---      |
| Oil Changed        | Client Info |             |            | <b>N/A</b>         | ---      | ---      |
| Sample Status      |             |             |            | <b>NORMAL</b>      | ---      | ---      |

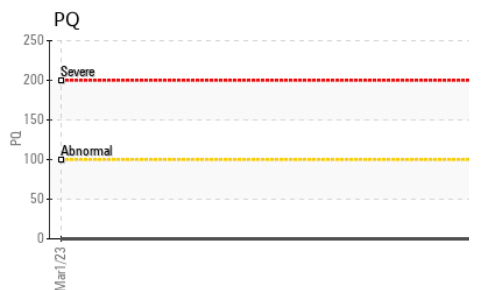
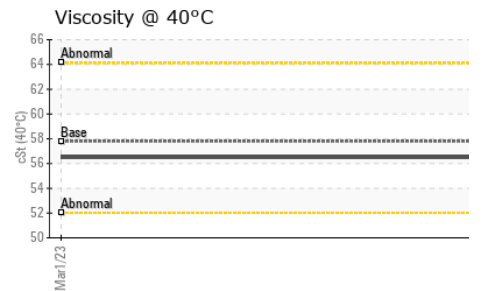
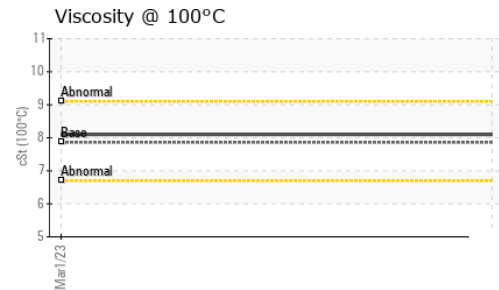
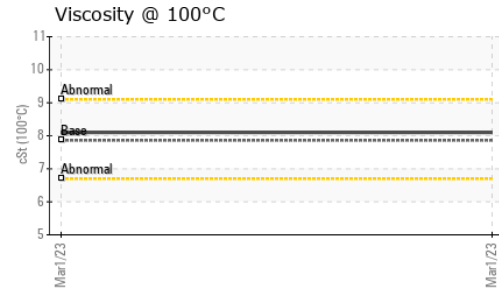
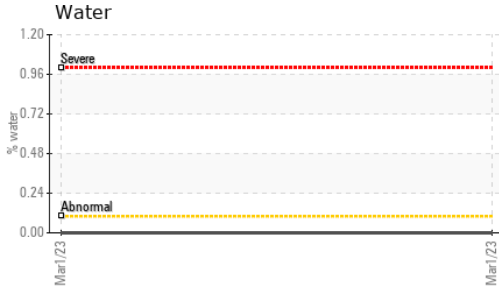
| WEAR METALS |     | method        | limit/base | current      | history1 | history2 |
|-------------|-----|---------------|------------|--------------|----------|----------|
| PQ          |     | ASTM D8184*   |            | <b>0</b>     | ---      | ---      |
| Iron        | ppm | ASTM D5185(m) | >50        | <b>&lt;1</b> | ---      | ---      |
| Chromium    | ppm | ASTM D5185(m) | >10        | <b>0</b>     | ---      | ---      |
| Nickel      | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | ---      | ---      |
| Titanium    | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Silver      | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Aluminum    | ppm | ASTM D5185(m) | >25        | <b>&lt;1</b> | ---      | ---      |
| Lead        | ppm | ASTM D5185(m) | >25        | <b>0</b>     | ---      | ---      |
| Copper      | ppm | ASTM D5185(m) | >50        | <b>0</b>     | ---      | ---      |
| Tin         | ppm | ASTM D5185(m) | >15        | <b>0</b>     | ---      | ---      |
| Antimony    | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Vanadium    | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Beryllium   | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Cadmium     | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |

| ADDITIVES  |     | method        | limit/base | current      | history1 | history2 |
|------------|-----|---------------|------------|--------------|----------|----------|
| Boron      | ppm | ASTM D5185(m) | 0          | <b>0</b>     | ---      | ---      |
| Barium     | ppm | ASTM D5185(m) | 0          | <b>0</b>     | ---      | ---      |
| Molybdenum | ppm | ASTM D5185(m) | 0          | <b>0</b>     | ---      | ---      |
| Manganese  | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Magnesium  | ppm | ASTM D5185(m) | 0          | <b>0</b>     | ---      | ---      |
| Calcium    | ppm | ASTM D5185(m) | 0          | <b>0</b>     | ---      | ---      |
| Phosphorus | ppm | ASTM D5185(m) | 0          | <b>0</b>     | ---      | ---      |
| Zinc       | ppm | ASTM D5185(m) | 0          | <b>&lt;1</b> | ---      | ---      |
| Sulfur     | ppm | ASTM D5185(m) | 0          | <b>13</b>    | ---      | ---      |
| Lithium    | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | ---      | ---      |

| CONTAMINANTS |     | method        | limit/base | current      | history1 | history2 |
|--------------|-----|---------------|------------|--------------|----------|----------|
| Silicon      | ppm | ASTM D5185(m) | >25        | <b>&lt;1</b> | ---      | ---      |
| Sodium       | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Potassium    | ppm | ASTM D5185(m) | >20        | <b>&lt;1</b> | ---      | ---      |
| Water        | %   | ASTM D6304*   | >0.1       | <b>0.00</b>  | ---      | ---      |
| ppm Water    | ppm | ASTM D6304*   | >1000      | <b>0.00</b>  | ---      | ---      |

| FLUID DEGRADATION |          | method     | limit/base | current     | history1 | history2 |
|-------------------|----------|------------|------------|-------------|----------|----------|
| Acid Number (AN)  | mg KOH/g | ASTM D974* | 0.05       | <b>0.01</b> | ---      | ---      |

# OIL ANALYSIS REPORT

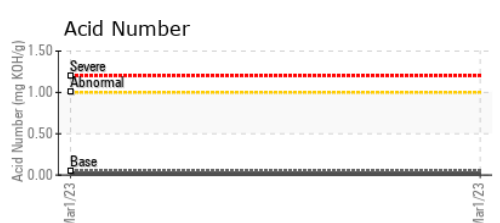
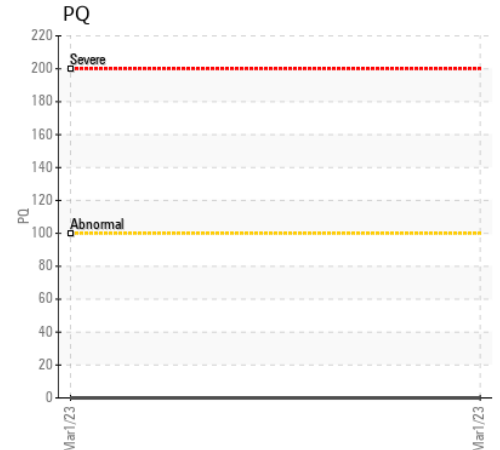
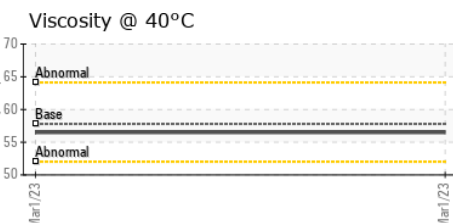
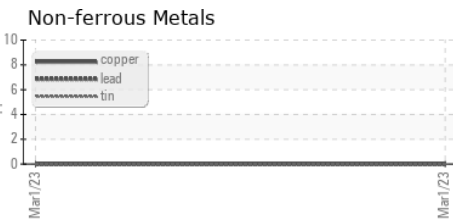


| VISUAL           |        | method  | limit/base | current      | history1 | history2 |
|------------------|--------|---------|------------|--------------|----------|----------|
| White Metal      | scalar | Visual* | NONE       | <b>NONE</b>  | ---      | ---      |
| Yellow Metal     | scalar | Visual* | NONE       | <b>NONE</b>  | ---      | ---      |
| Precipitate      | scalar | Visual* | NONE       | <b>NONE</b>  | ---      | ---      |
| Silt             | scalar | Visual* | NONE       | <b>NONE</b>  | ---      | ---      |
| Debris           | scalar | Visual* | NONE       | <b>VLITE</b> | ---      | ---      |
| Sand/Dirt        | scalar | Visual* | NONE       | <b>NONE</b>  | ---      | ---      |
| Appearance       | scalar | Visual* | NORML      | <b>NORML</b> | ---      | ---      |
| Odor             | scalar | Visual* | NORML      | <b>NORML</b> | ---      | ---      |
| Emulsified Water | scalar | Visual* | >0.1       | <b>NEG</b>   | ---      | ---      |
| Free Water       | scalar | Visual* |            | <b>NEG</b>   | ---      | ---      |

| FLUID PROPERTIES     |       | method        | limit/base | current     | history1 | history2 |
|----------------------|-------|---------------|------------|-------------|----------|----------|
| Visc @ 40°C          | cSt   | ASTM D7279(m) | 57.8       | <b>56.5</b> | ---      | ---      |
| Visc @ 100°C         | cSt   | ASTM D7279(m) | 7.86       | <b>8.1</b>  | ---      | ---      |
| Viscosity Index (VI) | Scale | ASTM D2270*   | 101        | <b>111</b>  | ---      | ---      |

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **INDUSTRIAS del PETROLEO CANAD. SA**  
**Sample No.** : PC0070487 **Received** : 15 Mar 2023 Contiguo FANAL, frente a la Autopista Bernardo Soto  
**Lab Number** : **02545450** **Diagnosed** : 16 Mar 2023 Grecia, A  
**Unique Number** : 5542455 **Diagnostician** : Wes Davis CR  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, VI )

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.  
 Contact: Erick Bogantes  
 cotizaciones@lubricantescanada.com  
 T: 1(115)062-1598  
 F: 1(115)062-2870