

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
MILACRON L4 COEX RED

Component
Gearbox

Fluid
PETRO CANADA ENDURATEX SYNTHETIC EP 150 (--- LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.
NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

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 | history1 | history2 |
|---------------|-----------------|--------------------|----------|----------|
| Sample Number | Client Info | PCA0092263 | --- | --- |
| Sample Date | Client Info | 01 Feb 2023 | --- | --- |
| Machine Age | hrs Client Info | 0 | --- | --- |
| Oil Age | hrs Client Info | 117 | --- | --- |
| Oil Changed | Client Info | N/A | --- | --- |
| Sample Status | | NORMAL | --- | --- |

WEAR METALS

| method | limit/base | current | history1 | history2 |
|----------|----------------------|--------------|----------|----------|
| PQ | ASTM D8184 | 12 | --- | --- |
| Iron | ppm ASTM D5185m >200 | <1 | --- | --- |
| Chromium | ppm ASTM D5185m >15 | <1 | --- | --- |
| Nickel | ppm ASTM D5185m >15 | 0 | --- | --- |
| Titanium | ppm ASTM D5185m | <1 | --- | --- |
| Silver | ppm ASTM D5185m | 0 | --- | --- |
| Aluminum | ppm ASTM D5185m >25 | 1 | --- | --- |
| Lead | ppm ASTM D5185m >100 | 0 | --- | --- |
| Copper | ppm ASTM D5185m >200 | <1 | --- | --- |
| Tin | ppm ASTM D5185m >25 | <1 | --- | --- |
| Vanadium | ppm ASTM D5185m | 0 | --- | --- |
| Cadmium | ppm ASTM D5185m | 0 | --- | --- |

ADDITIVES

| method | limit/base | current | history1 | history2 |
|------------|----------------------|--------------|----------|----------|
| Boron | ppm ASTM D5185m 33 | 32 | --- | --- |
| Barium | ppm ASTM D5185m 5 | 0 | --- | --- |
| Molybdenum | ppm ASTM D5185m | 0 | --- | --- |
| Manganese | ppm ASTM D5185m | 0 | --- | --- |
| Magnesium | ppm ASTM D5185m 5 | 1 | --- | --- |
| Calcium | ppm ASTM D5185m 5 | <1 | --- | --- |
| Phosphorus | ppm ASTM D5185m 437 | 428 | --- | --- |
| Zinc | ppm ASTM D5185m 5 | 0 | --- | --- |
| Sulfur | ppm ASTM D5185m 5000 | 6458 | --- | --- |

CONTAMINANTS

| method | limit/base | current | history1 | history2 |
|-----------|---------------------|--------------|----------|----------|
| Silicon | ppm ASTM D5185m >50 | <1 | --- | --- |
| Sodium | ppm ASTM D5185m | <1 | --- | --- |
| Potassium | ppm ASTM D5185m >20 | 0 | --- | --- |

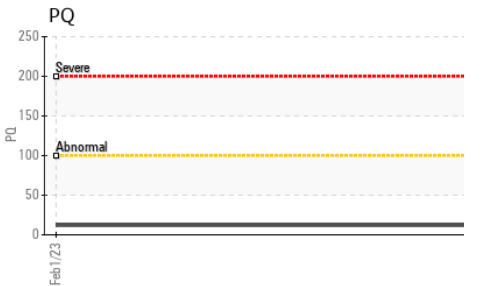
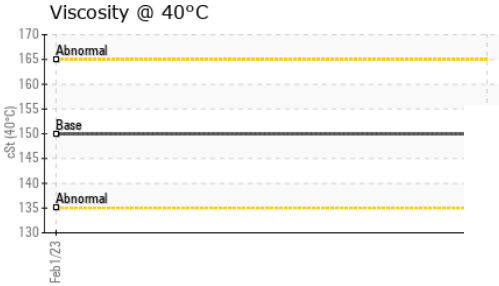
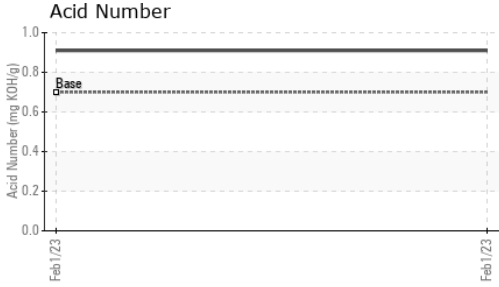
FLUID DEGRADATION

| method | limit/base | current | history1 | history2 |
|------------------|-------------------------|-------------|----------|----------|
| Acid Number (AN) | mg KOH/g ASTM D8045 0.7 | 0.91 | --- | --- |



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 | LIGHT | --- | --- |
| Sand/Dirt | scalar *Visual NONE | NONE | --- | --- |
| Appearance | scalar *Visual NORML | NORML | --- | --- |
| Odor | scalar *Visual NORML | NORML | --- | --- |
| Emulsified Water | scalar *Visual >0.2 | NEG | --- | --- |
| Free Water | scalar *Visual | NEG | --- | --- |

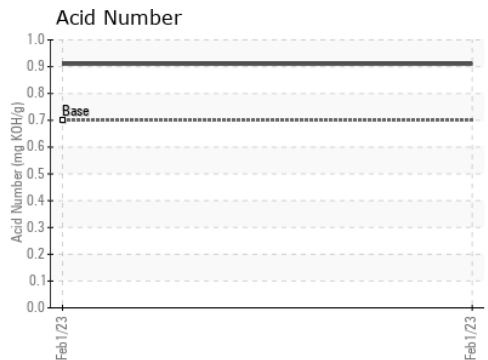
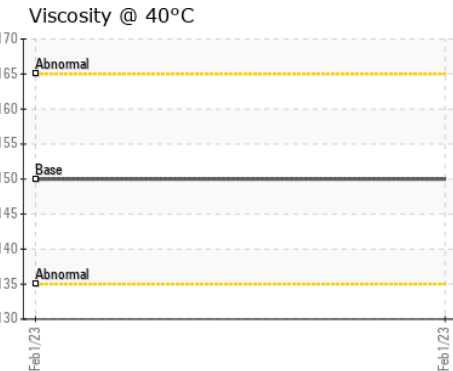
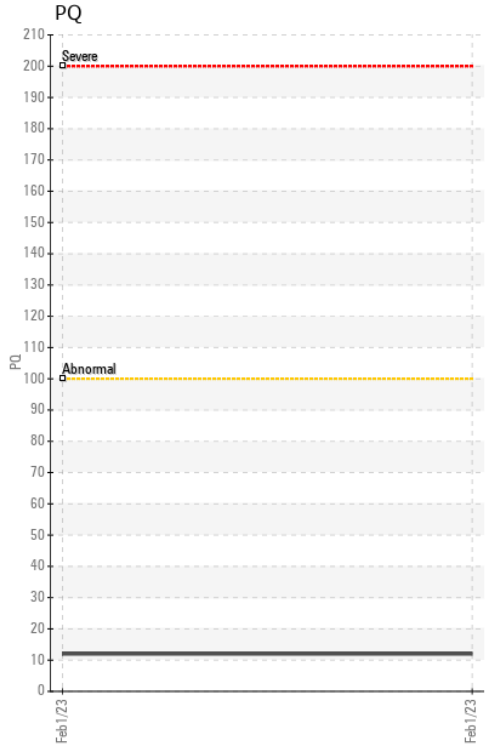
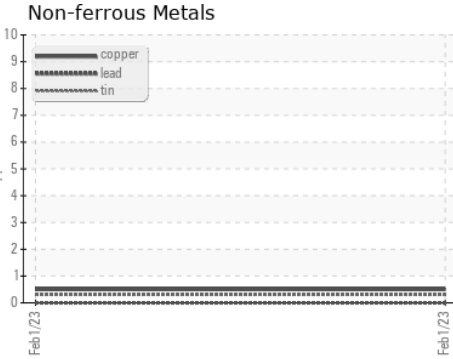
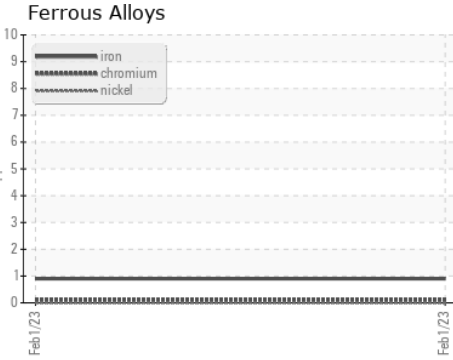
OIL ANALYSIS REPORT



| FLUID PROPERTIES | | method | limit/base | current | history1 | history2 |
|------------------|-----|-----------|------------|------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 150 | 150 | --- | --- |

| 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. : PCA0092263 **Received** : 07 Feb 2023
Lab Number : **05760828** **Diagnosed** : 08 Feb 2023
Unique Number : 10325435 **Diagnostician** : Wes Davis
Test Package : PLANT

CERTAINTED CORP
 231 SHIP CANAL PKWY
 BUFFALO, NY
 US 14218

Contact: MIKE SLOMBA
 MIKE.F.SLOMBA@SAINT-GOBAIN.COM

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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)