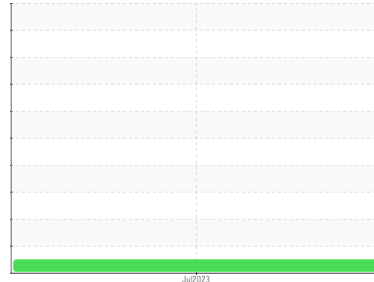




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

108

Component

Transmission

Fluid

PETRO CANADA 30W (--- 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 condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|----------|----------|
| Sample Number | Client Info | | WC0822409 | --- | --- |
| Sample Date | Client Info | | 08 Jul 2023 | --- | --- |
| Machine Age | hrs | Client Info | 14658 | --- | --- |
| Oil Age | hrs | Client Info | 259 | --- | --- |
| Oil Changed | Client Info | | Changed | --- | --- |
| Sample Status | | | NORMAL | --- | --- |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >200 | 189 | --- | --- |
| Chromium | ppm | ASTM D5185m >10 | 2 | --- | --- |
| Nickel | ppm | ASTM D5185m | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | <1 | --- | --- |
| Silver | ppm | ASTM D5185m | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m >50 | 3 | --- | --- |
| Lead | ppm | ASTM D5185m >50 | <1 | --- | --- |
| Copper | ppm | ASTM D5185m >200 | 47 | --- | --- |
| Tin | ppm | ASTM D5185m >10 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185m | 0 | --- | --- |
| Cadmium | ppm | ASTM D5185m | 0 | --- | --- |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|-------------|-------------|----------|----------|
| Boron | ppm | ASTM D5185m | 3 | --- | --- |
| Barium | ppm | ASTM D5185m | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | 10 | --- | --- |
| Manganese | ppm | ASTM D5185m | 2 | --- | --- |
| Magnesium | ppm | ASTM D5185m | 98 | --- | --- |
| Calcium | ppm | ASTM D5185m | 2905 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 988 | --- | --- |
| Zinc | ppm | ASTM D5185m | 1160 | --- | --- |
| Sulfur | ppm | ASTM D5185m | 4525 | --- | --- |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185m >50 | 28 | --- | --- |
| Sodium | ppm | ASTM D5185m | 6 | --- | --- |
| Potassium | ppm | ASTM D5185m >20 | 2 | --- | --- |

VISUAL

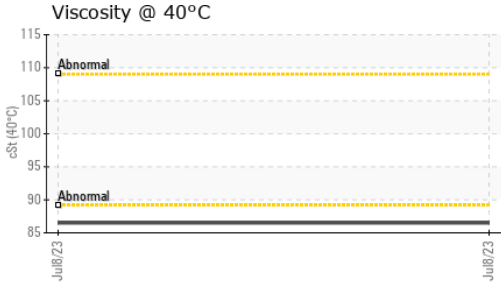
| | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|--------------|----------|----------|
| White Metal | scalar | *Visual NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual NONE | NONE | --- | --- |
| Precipitate | scalar | *Visual NONE | NONE | --- | --- |
| 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 | NEG | --- | --- |
| Free Water | scalar | *Visual | NEG | --- | --- |

FLUID PROPERTIES

| | method | limit/base | current | history1 | history2 |
|-------------|--------|------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 86.5 | --- | --- |

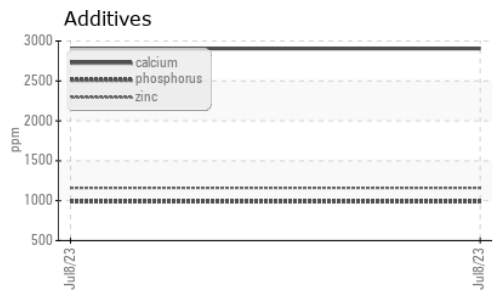
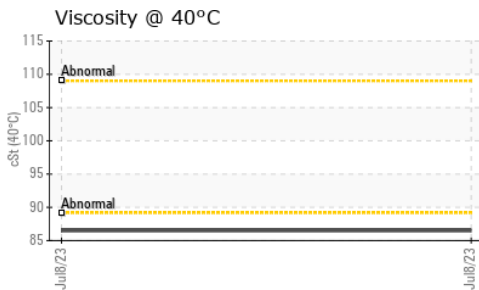
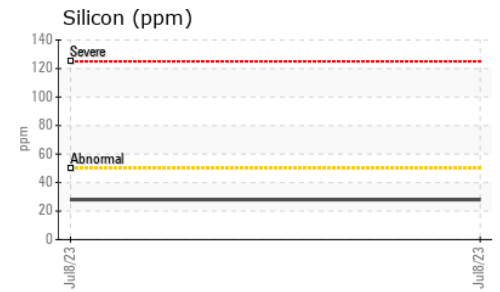
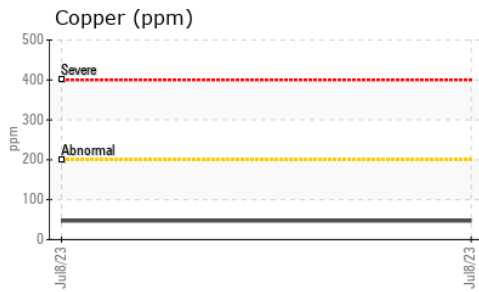
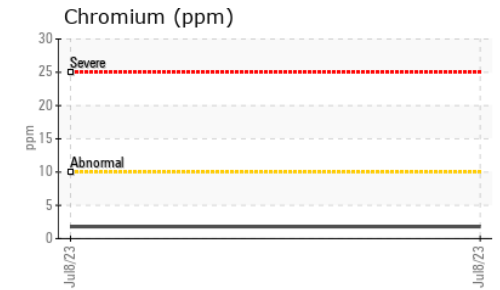
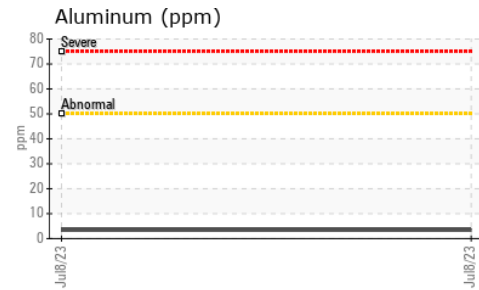
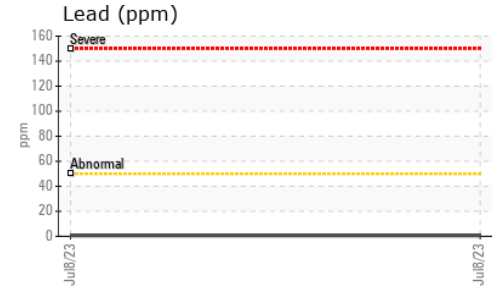
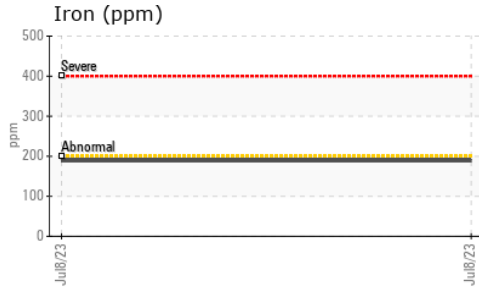


OIL ANALYSIS REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0822409 **Received** : 17 Jul 2023
Lab Number : 05900873 **Diagnosed** : 19 Jul 2023
Unique Number : 10562229 **Diagnostician** : Sean Felton
Test Package : MOB 1

C.L. BENTON & SONS INC
 706 38TH AVE N
 MYRTLE BEACH, SC
 US 29577
 Contact: NEIL
 neil@clbenton.com

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)