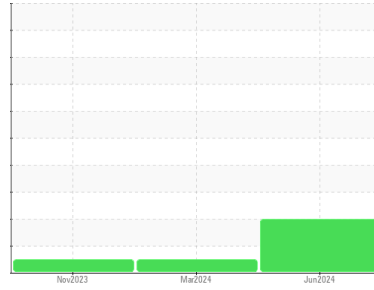


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
648
 Component
Front Differential
 Fluid
 {not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

▲ Wear

Bearing and/or bushing wear is indicated. All other component wear rates are normal.

▲ Contamination

Moderate concentration of visible dirt/debris present 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 | PCA0127665 | PCA0096401 | PCA0096384 |
| Sample Date | Client Info | 19 Jun 2024 | 12 Mar 2024 | 13 Nov 2023 |
| Machine Age | hrs | 20591 | 20152 | 19585 |
| Oil Age | hrs | 439 | 567 | 2000 |
| Oil Changed | Client Info | Changed | Changed | Changed |
| Sample Status | | ABNORMAL | NORMAL | NORMAL |

CONTAMINATION

| method | limit/base | current | history1 | history2 |
|--------|---------------|------------|----------|----------|
| Water | WC Method >.2 | NEG | NEG | NEG |

WEAR METALS

| method | limit/base | current | history1 | history2 |
|----------|----------------------|--------------|----------|----------|
| Iron | ppm ASTM D5185m >500 | 5 | 4 | 50 |
| Chromium | ppm ASTM D5185m >10 | 0 | <1 | <1 |
| Nickel | ppm ASTM D5185m >10 | 0 | 0 | <1 |
| Titanium | ppm ASTM D5185m | 0 | 0 | <1 |
| Silver | ppm ASTM D5185m | 0 | 0 | 0 |
| Aluminum | ppm ASTM D5185m >25 | <1 | 2 | 2 |
| Lead | ppm ASTM D5185m >25 | ▲ 35 | 20 | 34 |
| Copper | ppm ASTM D5185m >100 | ▲ 140 | 76 | 40 |
| Tin | ppm ASTM D5185m >10 | 7 | 4 | 2 |
| Vanadium | ppm ASTM D5185m | 0 | 0 | 0 |
| Cadmium | ppm ASTM D5185m | 0 | 0 | <1 |

ADDITIVES

| method | limit/base | current | history1 | history2 |
|------------|-----------------|--------------|----------|----------|
| Boron | ppm ASTM D5185m | 80 | 87 | 18 |
| Barium | ppm ASTM D5185m | 0 | 0 | 0 |
| Molybdenum | ppm ASTM D5185m | 2 | 3 | 7 |
| Manganese | ppm ASTM D5185m | <1 | 0 | <1 |
| Magnesium | ppm ASTM D5185m | 61 | 59 | 145 |
| Calcium | ppm ASTM D5185m | 3138 | 3039 | 2443 |
| Phosphorus | ppm ASTM D5185m | 1158 | 1108 | 849 |
| Zinc | ppm ASTM D5185m | 1351 | 1316 | 1078 |
| Sulfur | ppm ASTM D5185m | 3737 | 3581 | 4122 |

CONTAMINANTS

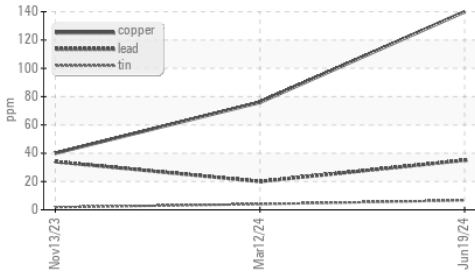
| method | limit/base | current | history1 | history2 |
|-----------|---------------------|--------------|----------|----------|
| Silicon | ppm ASTM D5185m >75 | 6 | 6 | 5 |
| Sodium | ppm ASTM D5185m | 2 | <1 | 2 |
| Potassium | ppm ASTM D5185m >20 | <1 | <1 | 3 |

VISUAL

| method | limit/base | current | history1 | history2 |
|------------------|----------------------|----------------|----------|----------|
| White Metal | scalar *Visual NONE | NONE | NONE | LIGHT |
| 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 | ▲ MODER | 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 >.2 | NEG | NEG | NEG |
| Free Water | scalar *Visual | NEG | NEG | NEG |

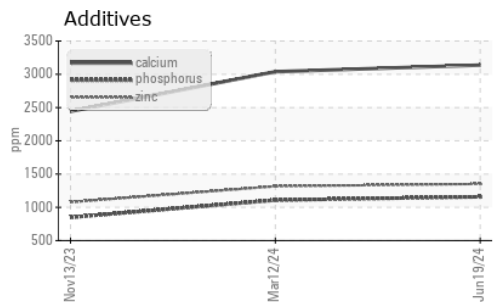
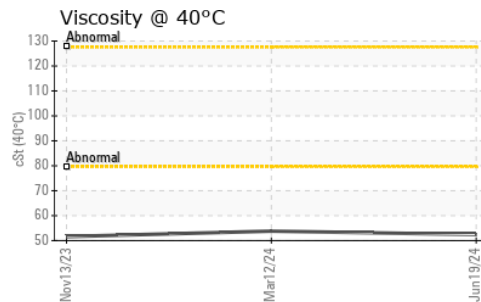
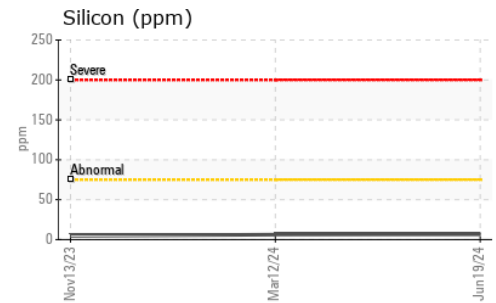
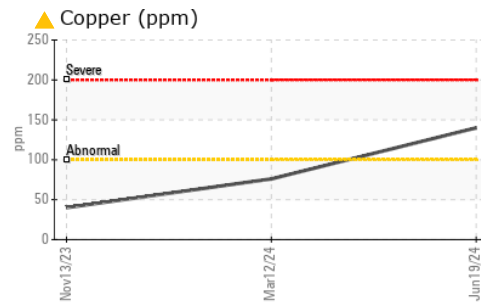
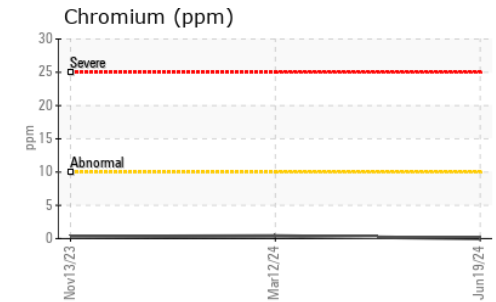
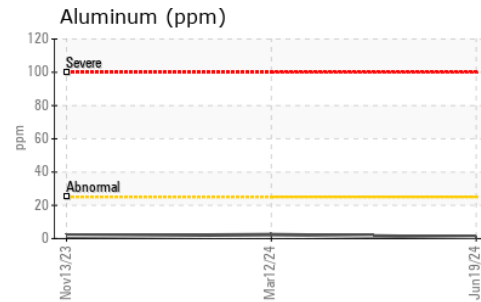
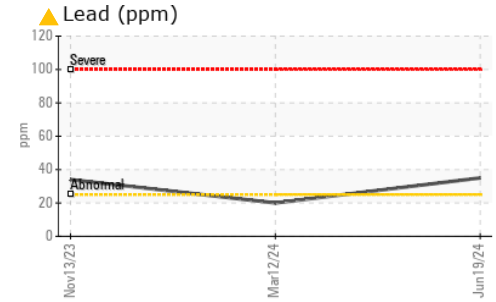
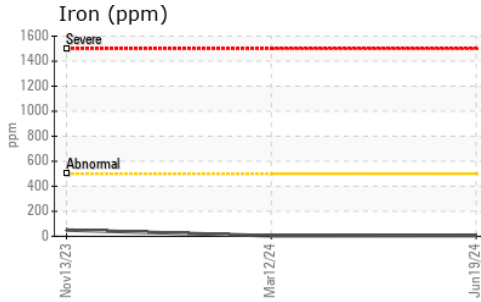
OIL ANALYSIS REPORT

▲ Non-ferrous Metals



| 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. : PCA0127665 **Received** : 24 Jun 2024
Lab Number : 06218946 **Tested** : 25 Jun 2024
Unique Number : 11097143 **Diagnosed** : 26 Jun 2024 - Sean Felton
Test Package : MOB 1

CENTRAL VALLEY AG
 5707 LANGWORTH
 OAKDALE, CA
 US 95361
 Contact: LAB TECH
 m-labtech@outlook.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)

T:
F: