



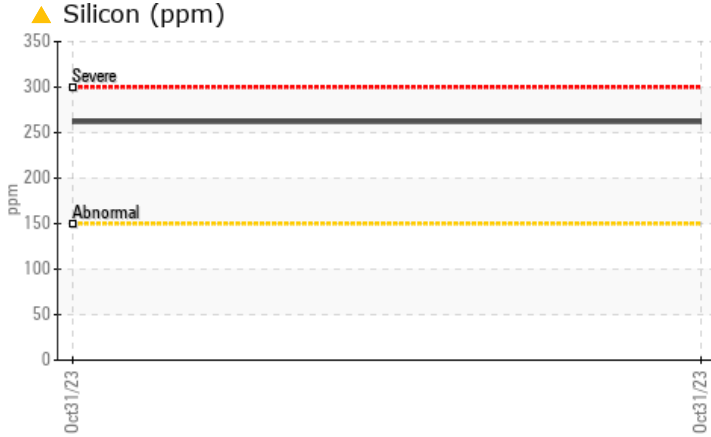
PROBLEM SUMMARY

Sample Rating Trend



Area
CHEESE DEPT
 Machine Id
VT09AG01-SEC-GREASE
 Component
Grease
 Fluid
MOBIL MOBILITH SHC 007 (2 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time. Please submit a sample of the new (unused) oil to establish a baseline.

PROBLEMATIC TEST RESULTS

| | | | | | | |
|---------------|-----|-------------|------|-----------------|-----|-----|
| Sample Status | | | | ABNORMAL | --- | --- |
| Silicon | ppm | ASTM D5185m | >150 | ▲ 262 | --- | --- |

Customer Id: LEPCRE
 Sample No.: WC0874208
 Lab Number: 06000181
 Test Package: IND 1



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

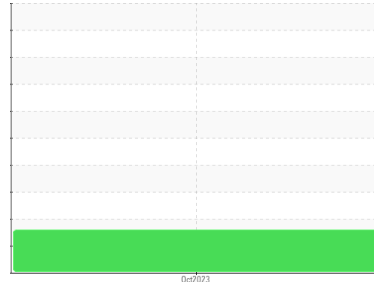
| Action | Status | Date | Done By | Description |
|----------|--------|------|---------|---|
| Resample | --- | --- | ? | Please submit a sample of the new (unused) oil to establish a baseline. |

HISTORICAL DIAGNOSIS



GREASE ANALYSIS

Sample Rating Trend



DIRT



Area
CHEESE DEPT
 Machine Id
VT09AG01-SEC-GREASE
 Component
Grease
 Fluid
MOBIL MOBILITH SHC 007 (2 GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Please submit a sample of the new (unused) oil to establish a baseline.

Wear

All component wear rates are normal.

Grease Condition

Confirm grease type.

▲ Contaminants

Elemental level of silicon (Si) above normal.

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|----------|----------|
| Sample Number | Client Info | | | WC0874208 | --- | --- |
| Sample Date | Client Info | | | 31 Oct 2023 | --- | --- |
| Machine Age | hrs | Client Info | | 0 | --- | --- |
| Grease Age | hrs | Client Info | | 0 | --- | --- |
| Grease Serviced | Client Info | | | N/A | --- | --- |
| Sample Status | | | | ABNORMAL | --- | --- |

| CONTAMINATION | | method | limit/base | current | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water | WC Method | | >0.1 | NEG | --- | --- |

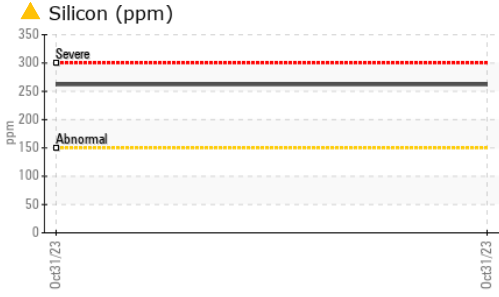
| WEAR METALS | | method | limit/base | current | history1 | history2 |
|-------------|-----|-------------|------------|--------------|----------|----------|
| PQ | | ASTM D8184 | >200 | 8 | --- | --- |
| Iron | ppm | ASTM D5185m | >250 | 4 | --- | --- |
| Chromium | ppm | ASTM D5185m | >10 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185m | >5 | 1 | --- | --- |
| Cadmium | ppm | ASTM D5185m | | 0 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| Lead | ppm | ASTM D5185m | >25 | 0 | --- | --- |
| Copper | ppm | ASTM D5185m | >75 | <1 | --- | --- |
| Tin | ppm | ASTM D5185m | >5 | 0 | --- | --- |
| Silver | ppm | ASTM D5185m | >5 | <1 | --- | --- |

| ADDITIVES | | method | limit/base | current | history1 | history2 |
|------------|-----|-------------|------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185m | 1 | 215 | --- | --- |
| Magnesium | ppm | ASTM D5185m | 0 | <1 | --- | --- |
| Manganese | ppm | ASTM D5185m | 0 | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | 4 | <1 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 180 | 1651 | --- | --- |
| Zinc | ppm | ASTM D5185m | 140 | 2527 | --- | --- |

| THICKENER/SOAP | | method | limit/base | current | history1 | history2 |
|----------------|-----|-------------|------------|--------------|----------|----------|
| Aluminum | ppm | ASTM D5185m | 0 | 0 | --- | --- |
| Barium | ppm | ASTM D5185m | 0 | <1 | --- | --- |
| Calcium | ppm | ASTM D5185m | 3 | 2 | --- | --- |
| Sodium | ppm | ASTM D5185m | 12 | 16 | --- | --- |
| Lithium | ppm | ASTM D5185m | | 1142 | --- | --- |
| Sulfur | ppm | ASTM D5185m | 650 | 6299 | --- | --- |

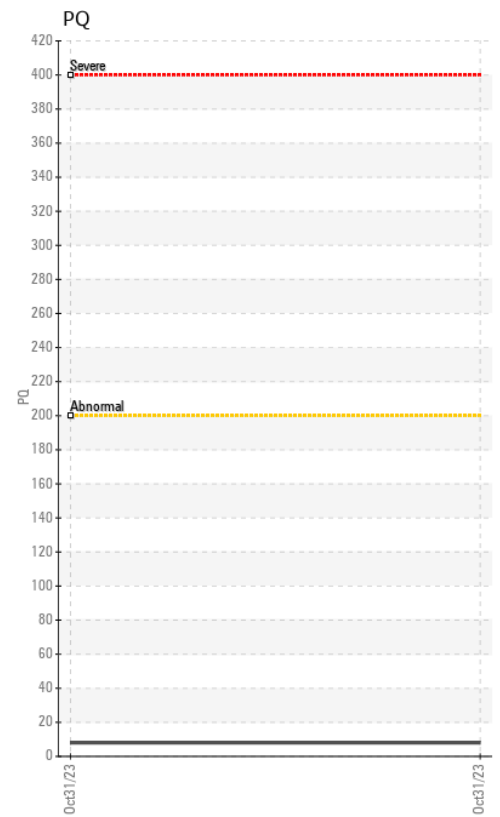
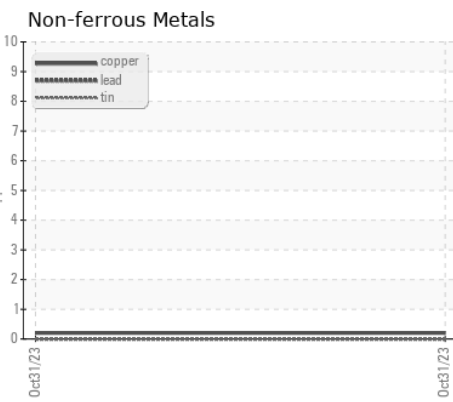
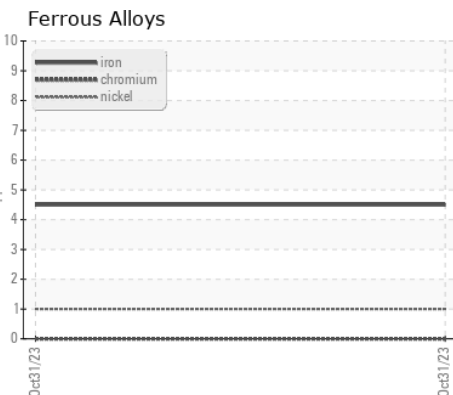
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m | >150 | ▲ 262 | --- | --- |
| Potassium | ppm | ASTM D5185m | | 8 | --- | --- |

GREASE ANALYSIS



| 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. : WC0874208 **Received** : 06 Nov 2023
Lab Number : **06000181** **Diagnosed** : 20 Nov 2023
Unique Number : 10728541 **Diagnostician** : Doug Bogart
Test Package : IND 1 (Additional Tests: PQ)

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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)