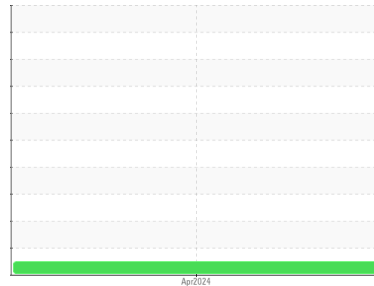




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**SILVERLINE 20W40**  
 Component  
**New (Unused) Oil**  
 Fluid  
**{not provided} (--- GAL)**

### DIAGNOSIS

#### Recommendation

This is a baseline read-out on the submitted sample.

| SAMPLE INFORMATION |             | method      | limit/base | current            | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|----------|----------|
| Sample Number      | Client Info |             |            | <b>WC06147889</b>  | ---      | ---      |
| Sample Date        | Client Info |             |            | <b>09 Apr 2024</b> | ---      | ---      |
| Machine Age        | hrs         | Client Info |            | <b>0</b>           | ---      | ---      |
| Oil Age            | hrs         | Client Info |            | <b>0</b>           | ---      | ---      |
| Oil Changed        | Client Info |             |            | <b>N/A</b>         | ---      | ---      |
| Sample Status      |             |             |            | <b>NORMAL</b>      | ---      | ---      |

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

| WEAR METALS |     | method      | limit/base | current      | history1 | history2 |
|-------------|-----|-------------|------------|--------------|----------|----------|
| Iron        | ppm | ASTM D5185m | >5         | <b>0</b>     | ---      | ---      |
| Chromium    | ppm | ASTM D5185m | >5         | <b>0</b>     | ---      | ---      |
| Nickel      | ppm | ASTM D5185m | >5         | <b>0</b>     | ---      | ---      |
| Titanium    | ppm | ASTM D5185m |            | <b>0</b>     | ---      | ---      |
| Silver      | ppm | ASTM D5185m | >5         | <b>0</b>     | ---      | ---      |
| Aluminum    | ppm | ASTM D5185m | >5         | <b>&lt;1</b> | ---      | ---      |
| Lead        | ppm | ASTM D5185m | >5         | <b>0</b>     | ---      | ---      |
| Copper      | ppm | ASTM D5185m | >5         | <b>0</b>     | ---      | ---      |
| Tin         | ppm | ASTM D5185m | >5         | <b>0</b>     | ---      | ---      |
| Vanadium    | ppm | ASTM D5185m |            | <b>0</b>     | ---      | ---      |
| Cadmium     | ppm | ASTM D5185m |            | <b>0</b>     | ---      | ---      |

| ADDITIVES  |     | method      | limit/base | current     | history1 | history2 |
|------------|-----|-------------|------------|-------------|----------|----------|
| Boron      | ppm | ASTM D5185m |            | <b>32</b>   | ---      | ---      |
| Barium     | ppm | ASTM D5185m |            | <b>0</b>    | ---      | ---      |
| Molybdenum | ppm | ASTM D5185m |            | <b>27</b>   | ---      | ---      |
| Manganese  | ppm | ASTM D5185m |            | <b>0</b>    | ---      | ---      |
| Magnesium  | ppm | ASTM D5185m |            | <b>11</b>   | ---      | ---      |
| Calcium    | ppm | ASTM D5185m |            | <b>2337</b> | ---      | ---      |
| Phosphorus | ppm | ASTM D5185m |            | <b>13</b>   | ---      | ---      |
| Zinc       | ppm | ASTM D5185m |            | <b>0</b>    | ---      | ---      |
| Sulfur     | ppm | ASTM D5185m |            | <b>2259</b> | ---      | ---      |

| CONTAMINANTS |     | method      | limit/base | current      | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon      | ppm | ASTM D5185m | >15        | <b>3</b>     | ---      | ---      |
| Sodium       | ppm | ASTM D5185m |            | <b>0</b>     | ---      | ---      |
| Potassium    | ppm | ASTM D5185m | >20        | <b>&lt;1</b> | ---      | ---      |

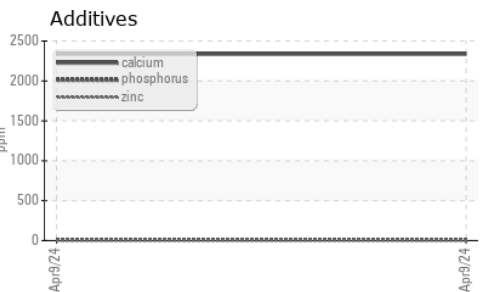
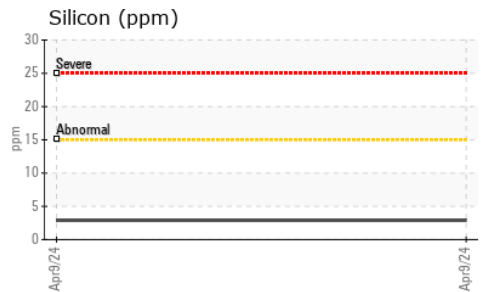
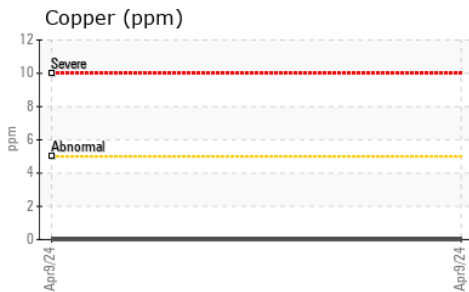
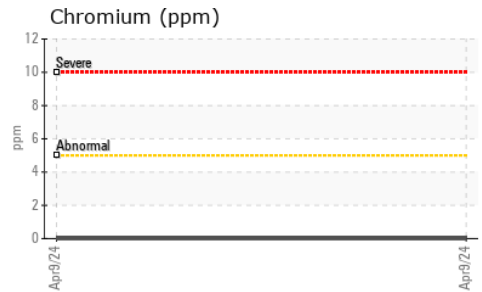
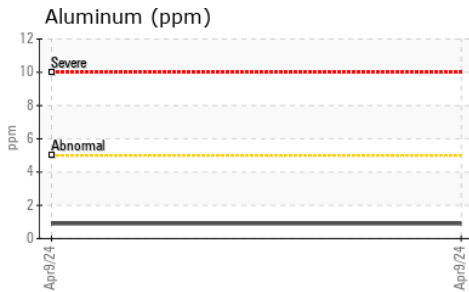
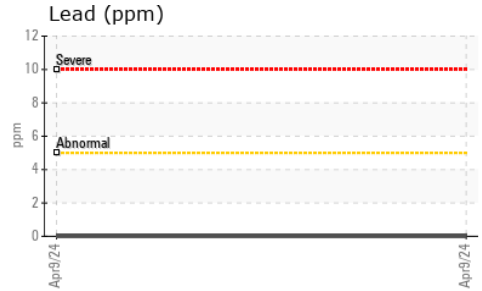
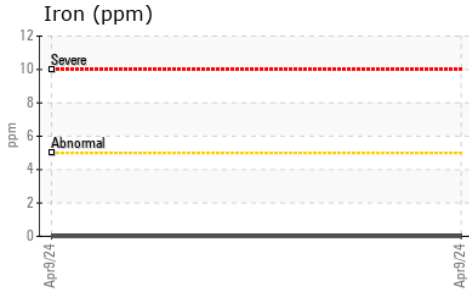
| VISUAL           |        | method  | limit/base | current      | history1 | history2 |
|------------------|--------|---------|------------|--------------|----------|----------|
| White Metal      | scalar | *Visual | NONE       | <b>NONE</b>  | ---      | ---      |
| Yellow Metal     | scalar | *Visual | NONE       | <b>NONE</b>  | ---      | ---      |
| Precipitate      | scalar | *Visual | NONE       | <b>NONE</b>  | ---      | ---      |
| Silt             | scalar | *Visual | NONE       | <b>NONE</b>  | ---      | ---      |
| Debris           | scalar | *Visual | NONE       | <b>NONE</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 |            | <b>NEG</b>   | ---      | ---      |
| Free Water       | scalar | *Visual |            | <b>NEG</b>   | ---      | ---      |



# OIL ANALYSIS REPORT

| 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.** : WC06147889      **Received** : 12 Apr 2024  
**Lab Number** : 06147889      **Tested** : 17 Apr 2024  
**Unique Number** : 10977967      **Diagnosed** : 17 Apr 2024 - Doug Bogart  
**Test Package** : MOB 1 ( Additional Tests: FT-IR, ICP-NewOil, KV100, VI )

**ADVANCED LUBRICATION SPECIALTIES**  
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 US 19020  
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 T: (866)891-5823  
 F: (215)352-0141

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)