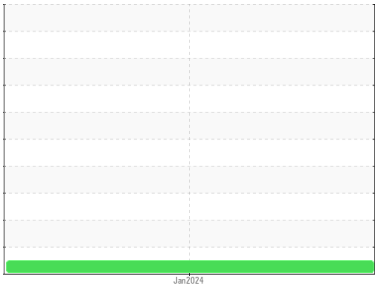
# OIL ANALYSIS REPORT

Sample Rating Trend




NORMAL

Machine Id
**416-150 - 01292410**
Component
**Fluid**
Fluid
**{not provided} (--- QTS)**

## DIAGNOSIS

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

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|---|---|---|---|---|---|---|
| Sample Number | | Client Info | | **WC06077330** | --- | --- |
| Sample Date | | Client Info | | **29 Jan 2024** | --- | --- |
| Machine Age | hrs | Client Info | | **0** | --- | --- |
| Oil Age | hrs | Client Info | | **0** | --- | --- |
| Oil Changed | | Client Info | | **N/A** | --- | --- |
| Sample Status | | | | **NORMAL** | --- | --- |

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

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

| ADDITIVES | | method | limit/base | current | history1 | history2 |
|---|---|---|---|---|---|---|
| Boron | ppm | ASTM D5185m | | **0** | --- | --- |
| Barium | ppm | ASTM D5185m | | **<1** | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | **0** | --- | --- |
| Manganese | ppm | ASTM D5185m | | **<1** | --- | --- |
| Magnesium | ppm | ASTM D5185m | | **2** | --- | --- |
| Calcium | ppm | ASTM D5185m | | **2** | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | **167** | --- | --- |
| Zinc | ppm | ASTM D5185m | | **5** | --- | --- |
| Sulfur | ppm | ASTM D5185m | | **13** | --- | --- |

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

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

# OIL ANALYSIS REPORT

## GRAPHS


Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513
**Sample No.** : WC06077330 **Recieved** : 01 Feb 2024
**Lab Number** : 06077330 **Diagnosed** : 01 Feb 2024
**Unique Number** : 10859421 **Diagnostician** : Doug Bogart
**Test Package** : TEST ( Additional Tests: ICP )


*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)*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