MOB I

WEAR CHECK

OIL ANALYSIS REPORT

| | |
|---|---|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
## CASE SV280B 2020741
Component
## Hydraulic System
Fluid
## SAE 10W30 (--- GAL)

## RECOMMENDATION

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

## WEAR

All component wear rates are normal.

## CONTAMINATION

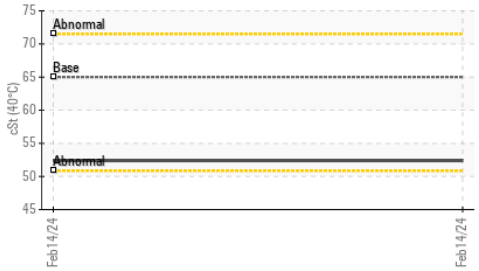
There is no indication of any contamination in the component(unconfirmed).

## FLUID CONDITION

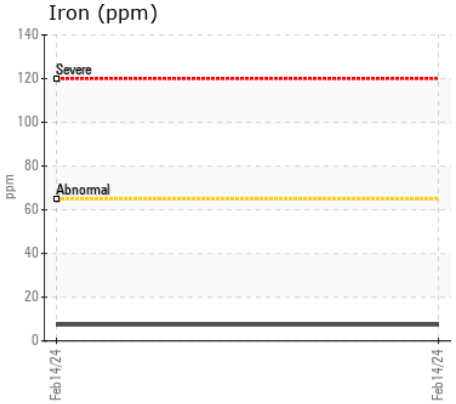
The condition of the oil is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---|---|---|---|---|---|---|
| Sample Number | | Client Info | | WC0864952 | --- | --- |
| Sample Date | | Client Info | | 14 Feb 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 236 | --- | --- |
| Oil Age | hrs | Client Info | | 236 | --- | --- |
| Filter Age | hrs | Client Info | | 236 | --- | --- |
| Oil Changed | | Client Info | | Not Changd | --- | --- |
| Filter Changed | | Client Info | | Not Changd | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |
| Iron | ppm | ASTM D5185(m) | >65 | 7 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >6 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >5 | 1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >45 | <1 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >120 | 6 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >4 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Silicon | ppm | ASTM D5185(m) | >25 | 5 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| 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 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | >228 | 3 | --- | --- |
| Boron | ppm | ASTM D5185(m) | | 111 | --- | --- |
| Barium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 39 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | | 462 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | | 1624 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | | 788 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | | 891 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | | 3296 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 65.0 | 52.4 | --- | --- |

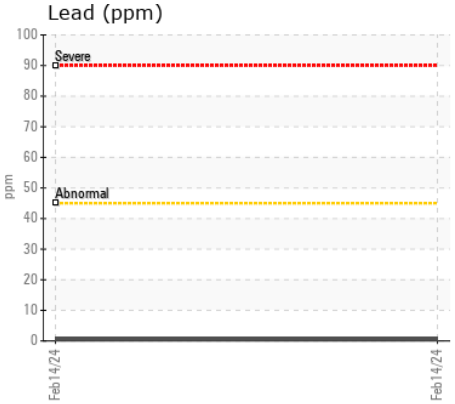
Viscosity @ 40°C



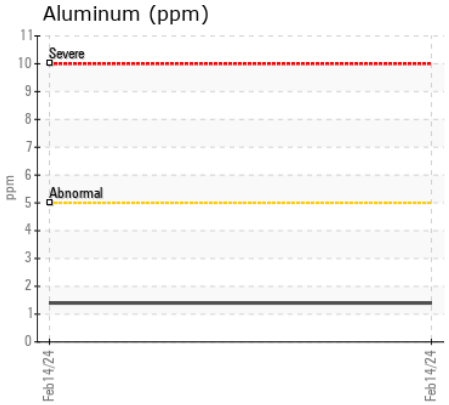

Iron (ppm)



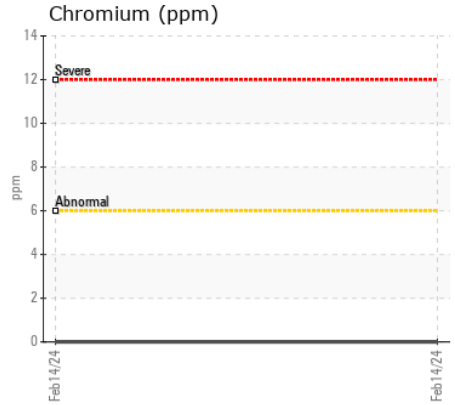

Lead (ppm)



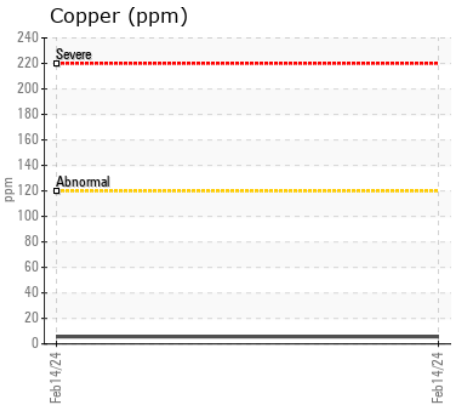

Aluminum (ppm)



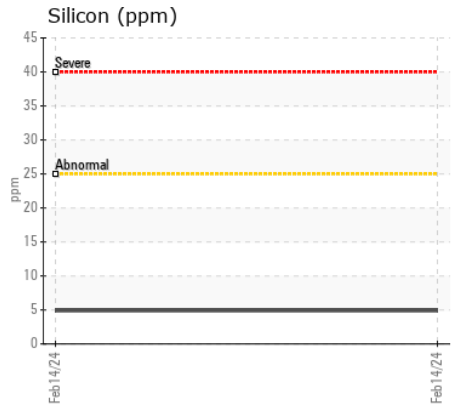

Chromium (ppm)



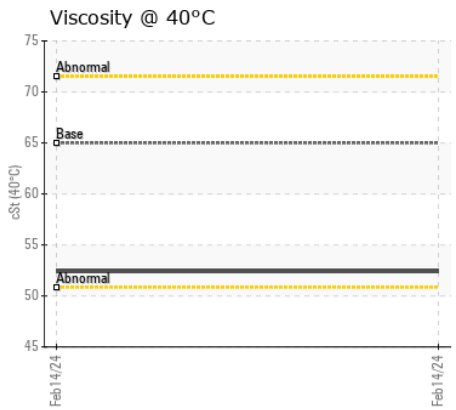

Copper (ppm)



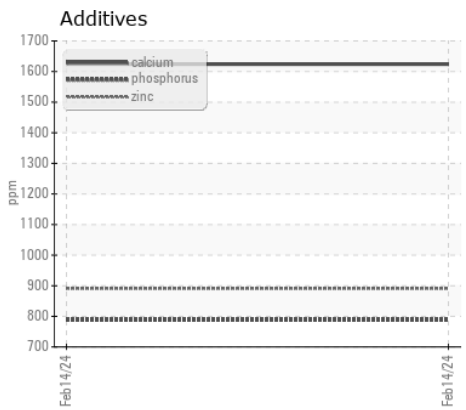

Silicon (ppm)




Viscosity @ 40°C




Additives




ISO 17025:2017 Accredited Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
**Sample No.** : WC0864952 **Received** : 16 Feb 2024
**Lab Number** : 02616284 **Tested** : 23 Feb 2024
**Unique Number** : 5733394 **Diagnosed** : 23 Feb 2024 - Kevin Marson
**Test Package** : MOB 1 ( Additional Tests: BottomAnalysis, FILTERPATCH )

*To discuss this sample report, contact Customer Service at 1-800-268-2131.*
*Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.*
*Validity of results and interpretation are based on the sample and information as supplied.*

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