



VOLVO

OIL ANALYSIS REPORT

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

Area
EXCAVATION JEAN LECLERC [405211]
Machine Id
VOLVO L90H 627930
Component
Rear Axle
Fluid
TRANSAXLE OIL SAE 75W80 (--- GAL)



RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.

WEAR

All component wear rates are normal.

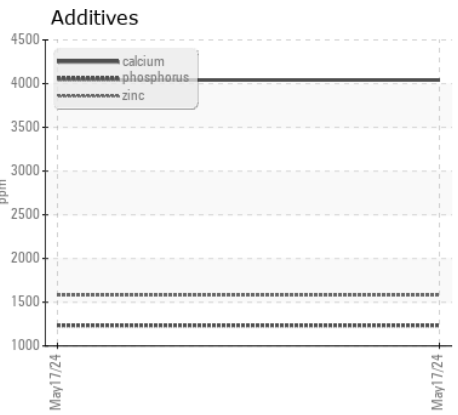
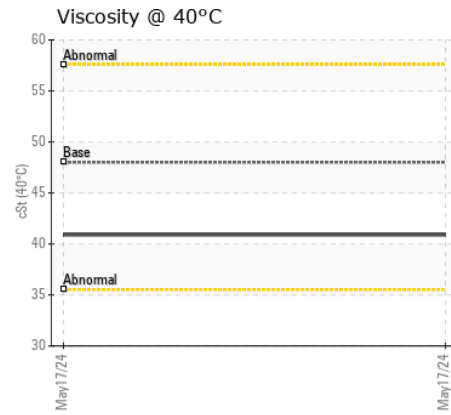
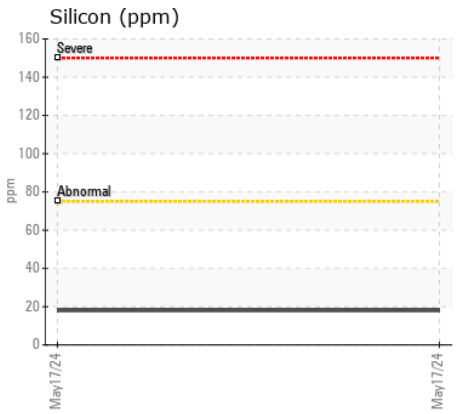
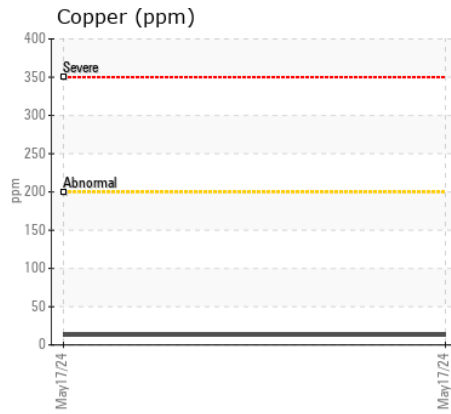
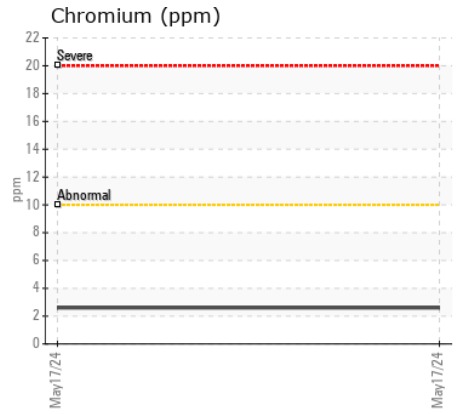
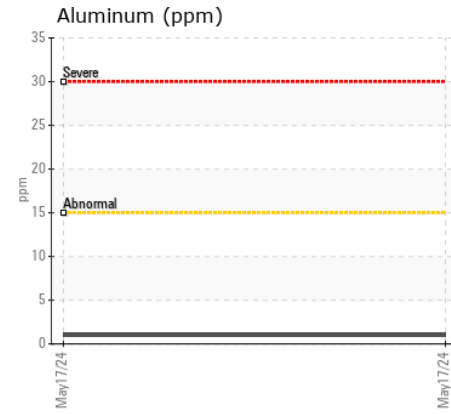
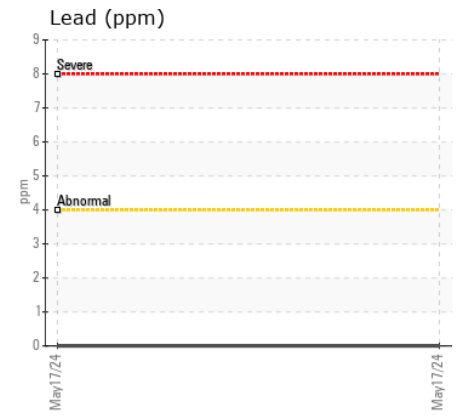
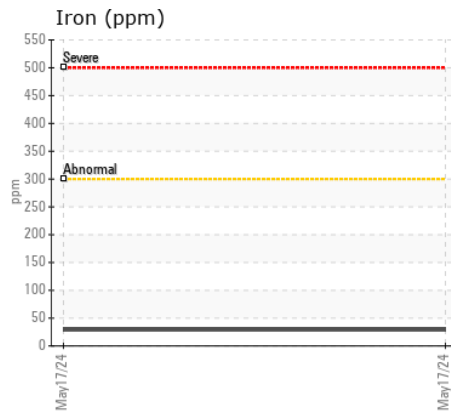
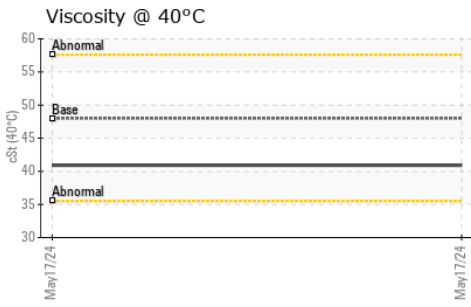
CONTAMINATION

There is no indication of any contamination in the oil.

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 | | VCP393865 | --- | --- |
| Sample Date | | Client Info | | 17 May 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 495 | --- | --- |
| Oil Age | hrs | Client Info | | 0 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |
| Iron | ppm | ASTM D5185(m) | >300 | 29 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >10 | 3 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >15 | 1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >4 | 0 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >200 | 13 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >15 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Silicon | ppm | ASTM D5185(m) | >75 | 18 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | --- | --- |
| Water | | WC Method | >0.2 | 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* | >0.2 | NEG | --- | --- |
| Sodium | ppm | ASTM D5185(m) | | 1 | --- | --- |
| Boron | ppm | ASTM D5185(m) | 160 | 118 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 10 | <1 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | 25 | 2 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 6 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 12 | 14 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 3750 | 4042 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 1200 | 1235 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1500 | 1580 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 6000 | 3205 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 48 | 40.9 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP393865 **Received** : 23 May 2024
Lab Number : 02637294 **Tested** : 24 May 2024
Unique Number : 5786456 **Diagnosed** : 24 May 2024 - Wes Davis
Test Package : MOB 1

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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.