



VOLVO

OIL ANALYSIS REPORT

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



Machine Id
VOLVO A40G 342661
Component
Drop Box
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|---------------|----------|----------|
| Sample Number | | Client Info | | VCP0008124 | --- | --- |
| Sample Date | | Client Info | | 21 Dec 2023 | --- | --- |
| Machine Age | hrs | Client Info | | 4650 | --- | --- |
| Oil Age | hrs | Client Info | | 4650 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|-------------|-----|-----|
| Iron | ppm | ASTM D5185m | >500 | 0 | --- | --- |
| Chromium | ppm | ASTM D5185m | >20 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185m | >10 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 0 | --- | --- |
| Silver | ppm | ASTM D5185m | | <1 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >30 | <1 | --- | --- |
| Lead | ppm | ASTM D5185m | >30 | <1 | --- | --- |
| Copper | ppm | ASTM D5185m | >30 | <1 | --- | --- |
| Tin | ppm | ASTM D5185m | >20 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |

CONTAMINATION

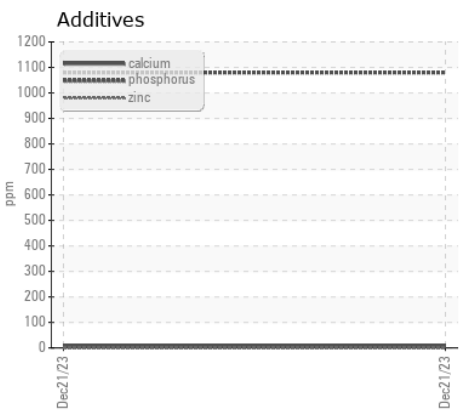
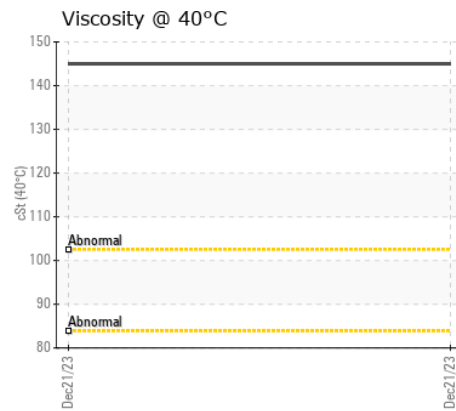
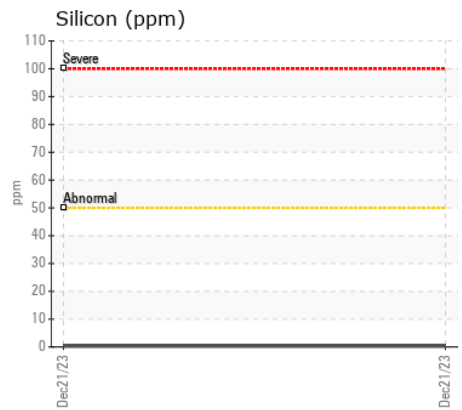
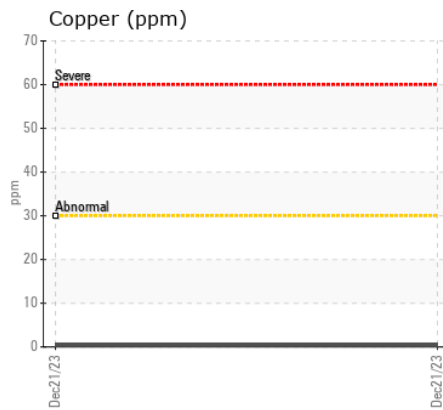
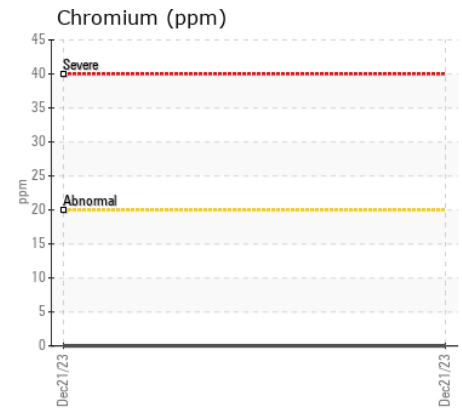
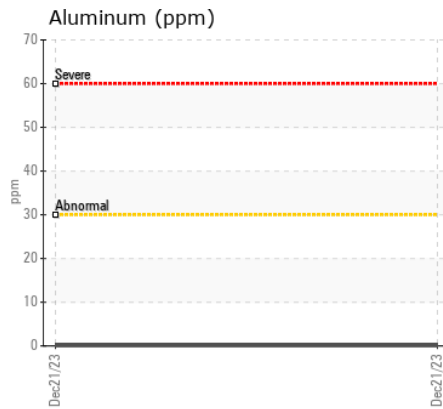
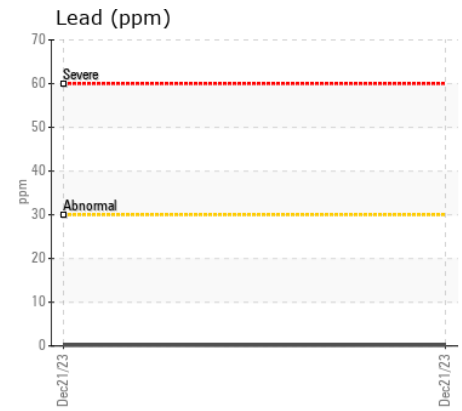
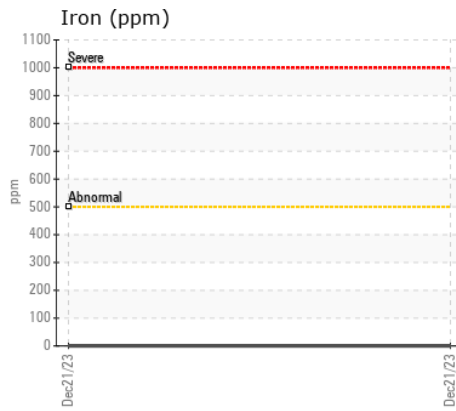
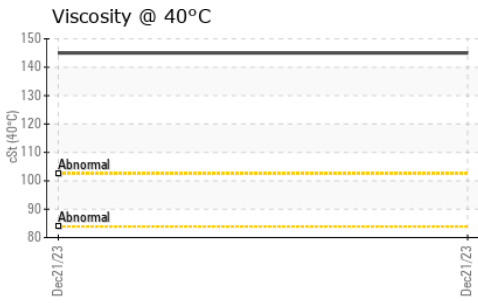
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185m | >50 | <1 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 1 | --- | --- |
| 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 | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|--|-------|-----|-----|
| Sodium | ppm | ASTM D5185m | | 2 | --- | --- |
| Boron | ppm | ASTM D5185m | | 190 | --- | --- |
| Barium | ppm | ASTM D5185m | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | <1 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 4 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 7 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | 1080 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 0 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 28152 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | | 145 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : VCP0008124

Lab Number : 06048471

Unique Number : 10809079

Test Package : MOBCE

Received : 29 Dec 2023

Tested : 02 Jan 2024

Diagnosed : 03 Jan 2024 - Don Baldrige

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY

JACKSONVILLE, FL

US 32256

Contact: TECHNICIAN ACCOUNT

catherine.anastasio@wearcheck.com

T:

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)

F: (904)737-1260