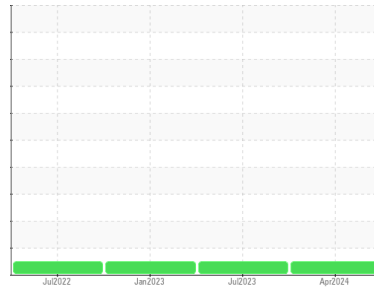




FUEL REPORT

Sample Rating Trend



NORMAL



Area
[SWO-070876]
 Machine Id
VOLVO A30G 742048
 Component
Front Axle
 Fluid
GEAR OIL SAE 80W140 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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.

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | | VCP436294 | VCP416742 | VCP380973 |
| Sample Date | Client Info | | | 01 Apr 2024 | 31 Jul 2023 | 10 Jan 2023 |
| Machine Age | hrs | Client Info | | 9280 | 8911 | 8548 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | Client Info | | | Not Changed | Not Changed | Not Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

| CONTAMINATION | | method | limit/base | current | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water | WC Method | | >0.2 | NEG | NEG | NEG |

| PHYSICAL PROPERTIES | | method | limit/base | current | history1 | history2 |
|---------------------|-----|-----------|------------|------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 263 | 211 | 245 | 247 |

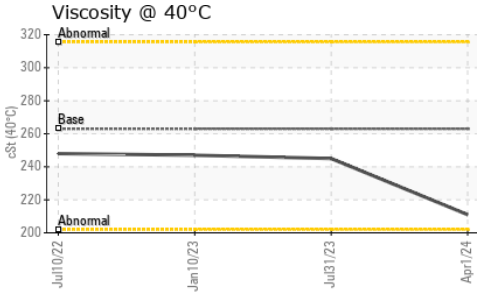
| SULFUR CONTENT | | method | limit/base | current | history1 | history2 |
|----------------|-----|-------------|------------|--------------|----------|----------|
| Sulfur | ppm | ASTM D5185m | 22500 | 21089 | 22773 | 21874 |

| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|----------|----------|----------|
| Silicon | ppm | ASTM D5185m | <1.0 | 6 | 4 | 4 |
| Sodium | ppm | ASTM D5185m | <0.1 | 1 | 0 | 2 |
| Potassium | ppm | ASTM D5185m | <0.1 | 2 | <1 | 0 |

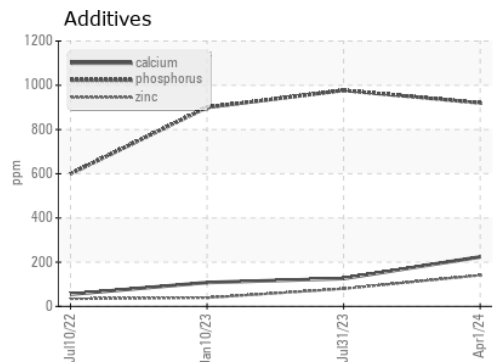
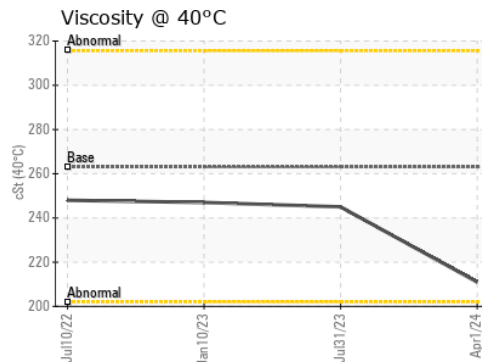
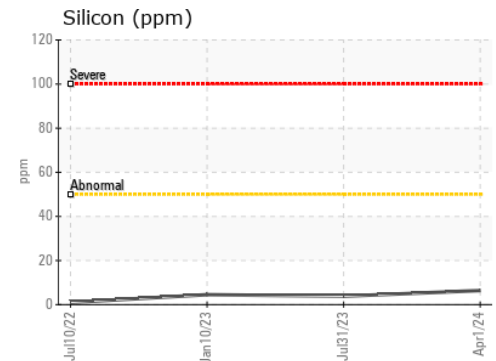
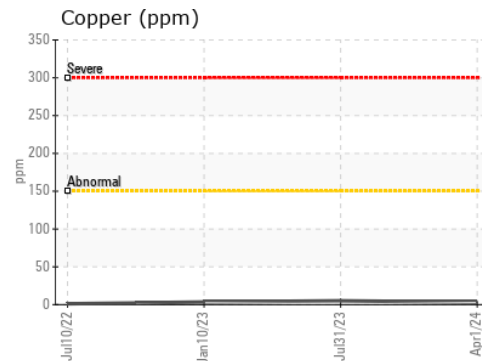
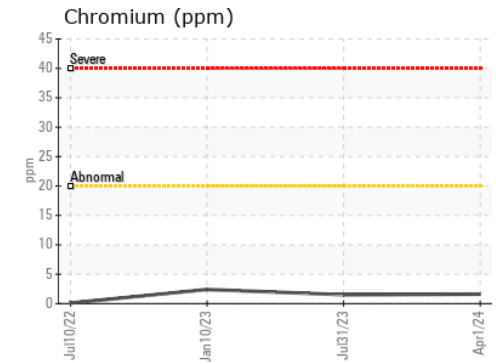
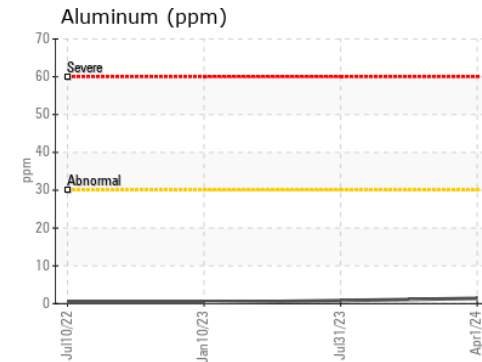
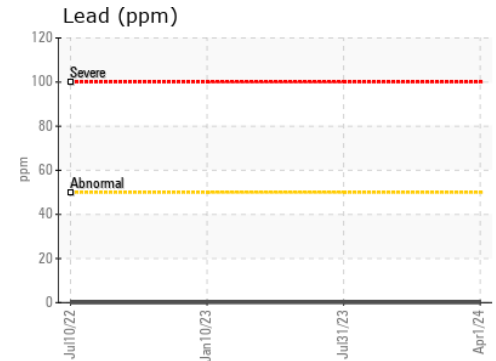
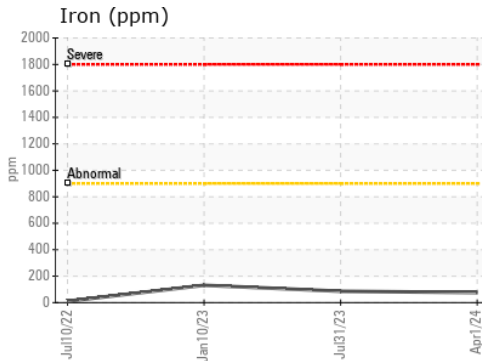
| HEAVY METALS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Aluminum | ppm | ASTM D5185m | <0.1 | 1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | <0.1 | <1 | <1 | 1 |
| Lead | ppm | ASTM D5185m | <0.1 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | <0.1 | 0 | 0 | 0 |
| Iron | ppm | ASTM D5185m | <0.1 | 76 | 86 | 131 |
| Calcium | ppm | ASTM D5185m | <0.1 | 224 | 126 | 108 |
| Magnesium | ppm | ASTM D5185m | <0.1 | 36 | 22 | 24 |
| Phosphorus | ppm | ASTM D5185m | <0.1 | 920 | 977 | 900 |
| Zinc | ppm | ASTM D5185m | <0.1 | 141 | 80 | 39 |

| SAMPLE IMAGES | | method | limit/base | current | history1 | history2 |
|---------------|--|--------|------------|---------|-----------------|-----------------|
| Color | | | | | <i>no image</i> | <i>no image</i> |
| Bottom | | | | | <i>no image</i> | <i>no image</i> |

FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP436294
Lab Number : 06138856
Unique Number : 10963664
Test Package : MOB 1

Received : 04 Apr 2024
Tested : 05 Apr 2024
Diagnosed : 05 Apr 2024 - Wes Davis

WHITAKER CONTRACTING
 692 CONVICT CAMP RD
 GUNTERSVILLE, AL
 US 35976

Contact: BROTHER WHITAKER
 BrotherWhitaker@whitaker-contracting.com
 T: (256)298-3905

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)