



# CONSTRUCTION EQUIPMENT

## SWA309970 VOLVO A40G 352506 - WET DISC BRAKE



**Sample No:** VCP419582

**Oil Type:** NOT GIVEN

**Job No:** SWA309970



### SAMPLE INFORMATION

Sample Number	VCP419582	---	---	---
Sample Date	22 Jul 2023	---	---	---
Machine Hours	5710	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### SOUTH FLORIDA EXCAVATION

1455 RAIL HEAD BLVD STE 3

NAPLES, FL

US 34110-8407

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### OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 38	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 0	---	---	---



### WEAR METALS

Iron	ppm	▲ 72	---	---	---
Copper	ppm	▲ 247	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	3471	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1482	---	---	---
Phosphorus	ppm	1243	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	129	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** SOUNAPFL

**Unique No:** 10578262

**Signed:** Don Baldrige

**Report Date:** 01 Aug 2023

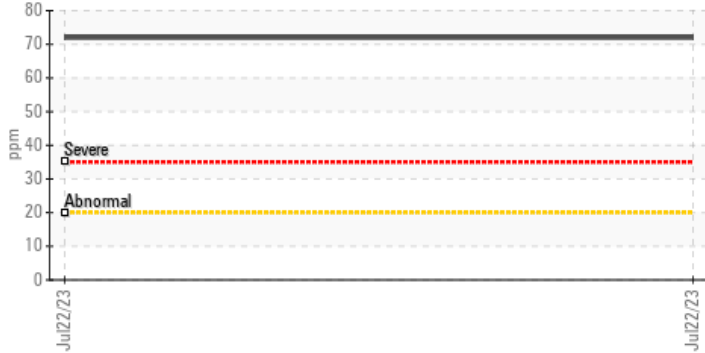


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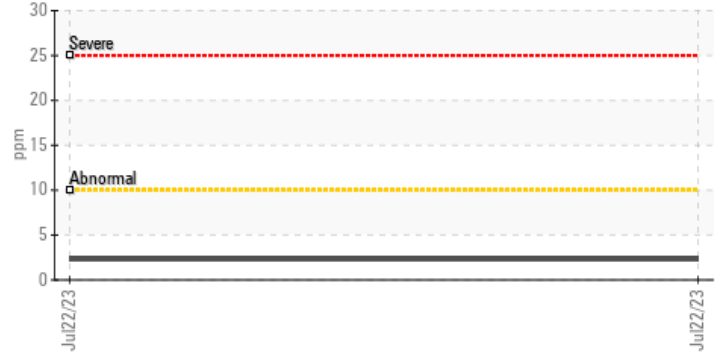


## GRAPHS

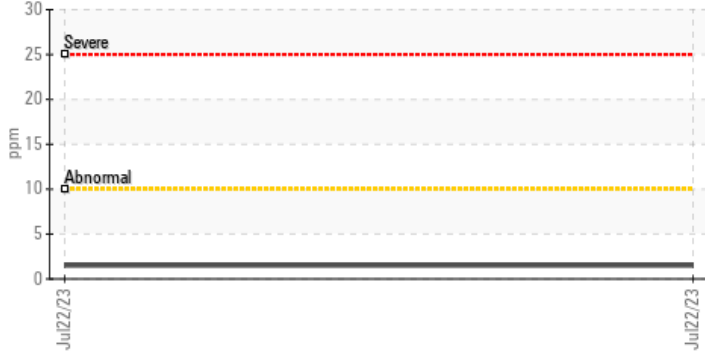
### ▲ Iron (ppm)



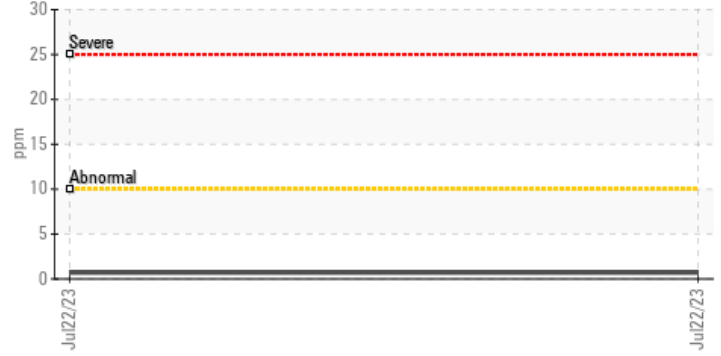
### Lead (ppm)



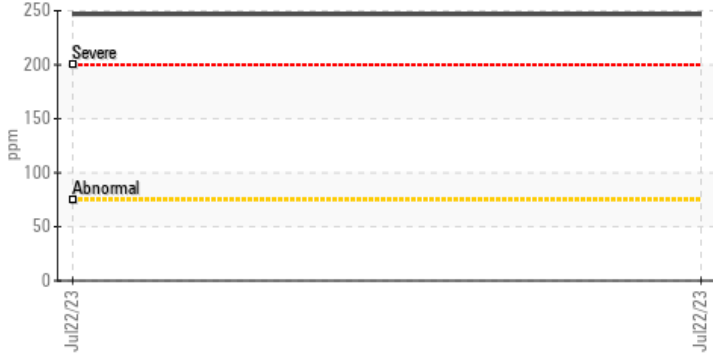
### Aluminum (ppm)



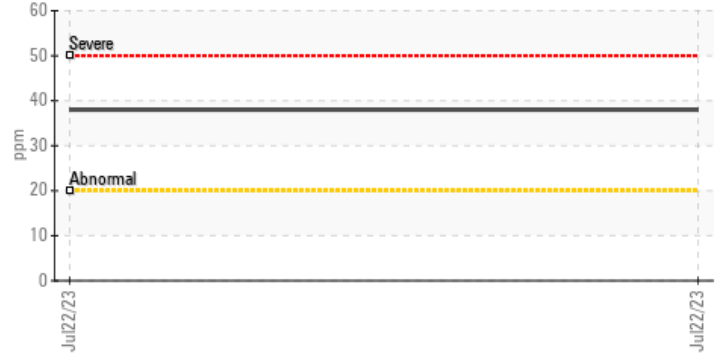
### Chromium (ppm)



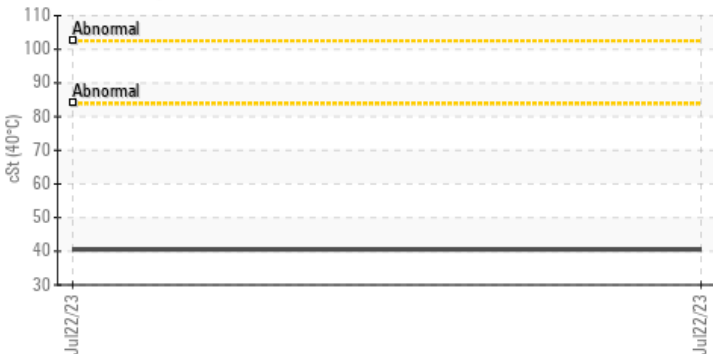
### ▲ Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

