



CONSTRUCTION EQUIPMENT

SWA311403 RENTAL VOLVO A45G 342486 - WET DISC BRAKE



Sample No: VCP409140
Oil Type: VOLVO WB 102
Job No: SWA311403 RENTAL



SAMPLE INFORMATION

Sample Number	VCP409140	---	---	---
Sample Date	27 Jul 2023	---	---	---
Machine Hours	8804	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT
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Contact: KEVIN SKRTICH
KEVIN.SKRTICH@ALTAEQUIPMENT.COM
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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CONTAMINATION

Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	▲ 69	---	---	---
Copper	ppm	▲ 121	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3684	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 1581	---	---	---
Phosphorus	ppm	█ 1396	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 122	---	---	---

Diagnosis
The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. The iron level is abnormal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO5055
Unique No: 10589817
Signed: Don Baldrige
Report Date: 09 Aug 2023

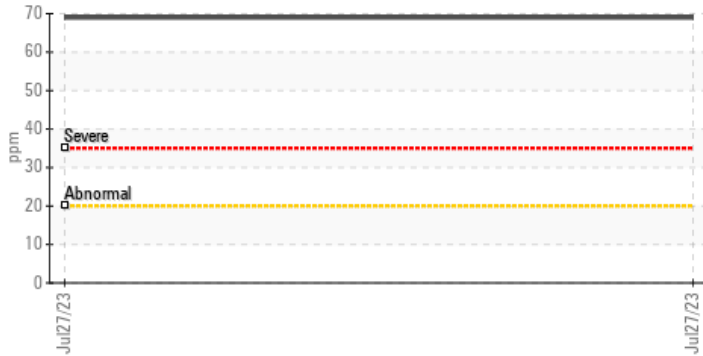


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GRAPHS

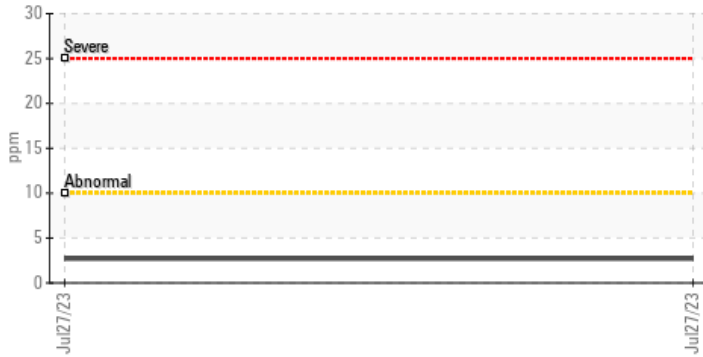
▲ Iron (ppm)



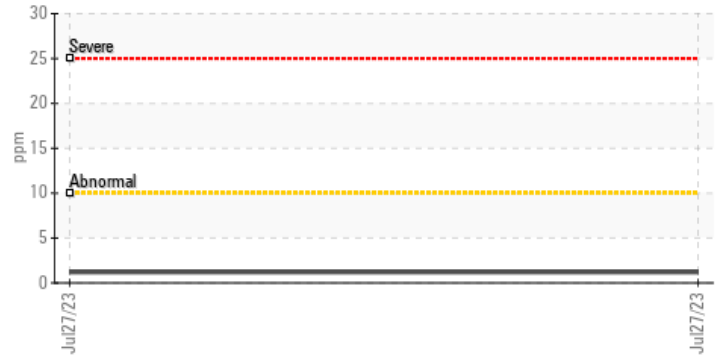
Lead (ppm)



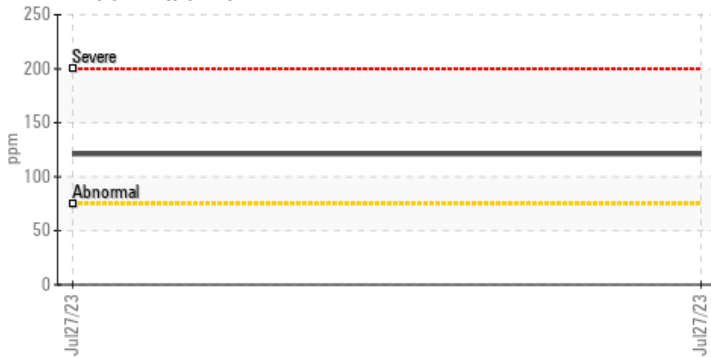
Aluminum (ppm)



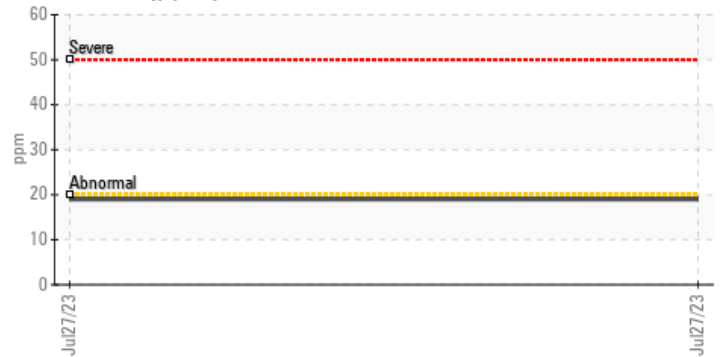
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

