



CONSTRUCTION EQUIPMENT

607424 APTIM VOLVO A30G 740210 (S/N 80411) - BRAKE COOLING SYSTEM



Sample No: VCP385133
Oil Type: VOLVO WB 102
Job No: 607424 APTIM



SAMPLE INFORMATION

Sample Number	VCP385133	---	---	---
Sample Date	13 Oct 2023	---	---	---
Machine Hours	8468	---	---	---
Oil Hours	4000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 T: (813)630-0077
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OIL CONDITION

Visc @ 40°C	cSt	█ 47.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	▲ 259	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2513	---	---	---
Magnesium	ppm	█ 17	---	---	---
Zinc	ppm	█ 1187	---	---	---
Phosphorus	ppm	█ 1024	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 51	---	---	---

Diagnosis

The fluid 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. Bearing and/or bushing wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10753471
Signed: Don Baldrige
Report Date: 24 Nov 2023

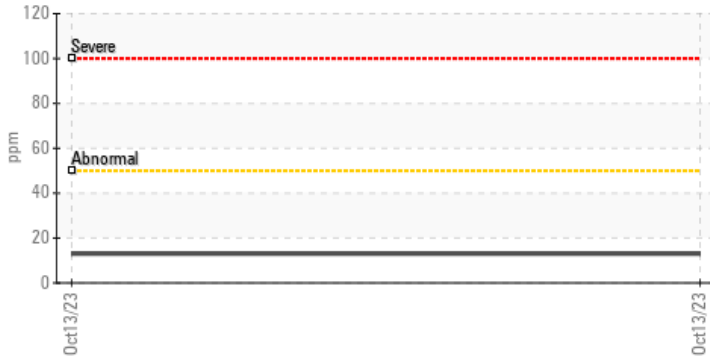


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GRAPHS

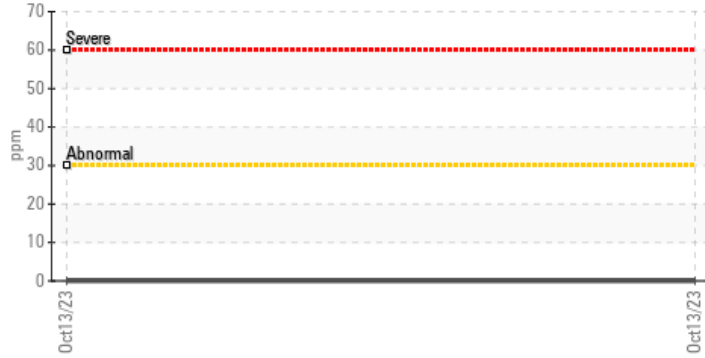
Iron (ppm)



Lead (ppm)



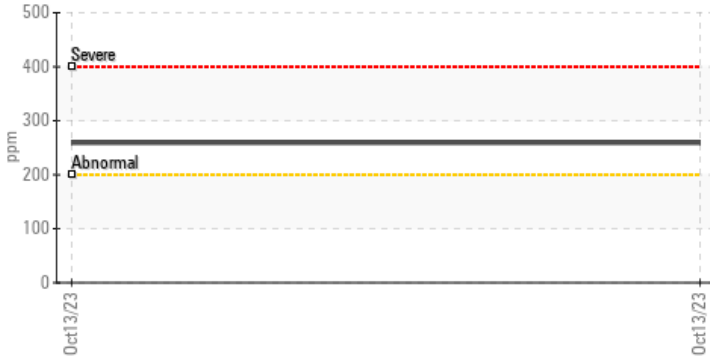
Aluminum (ppm)



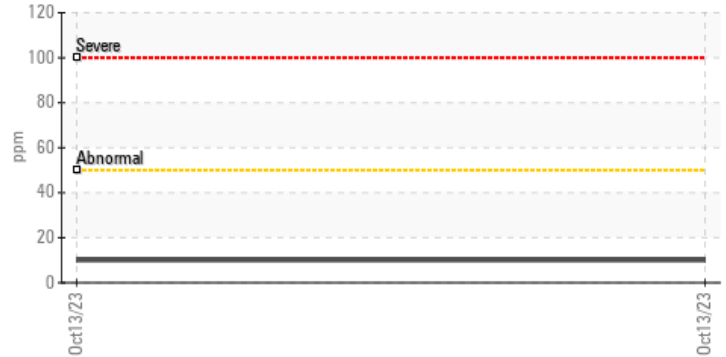
Chromium (ppm)



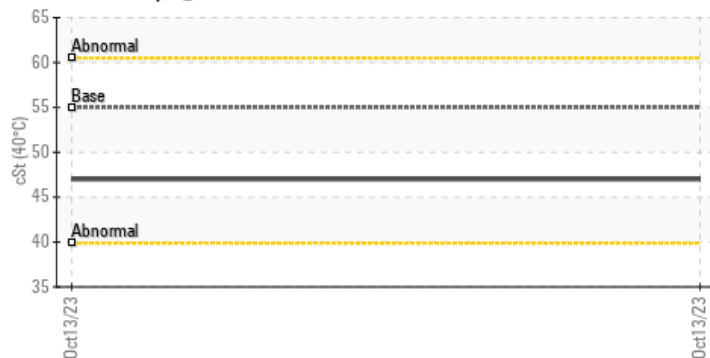
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

