



CONSTRUCTION EQUIPMENT

634633 B&C VOLVO A25G 752650 - BRAKE COOLING SYSTEM



Sample No: VCP431597
Oil Type: VOLVO WB 102
Job No: 634633 B&C



SAMPLE INFORMATION

Sample Number	VCP431597	VCP421524	---	---
Sample Date	28 Nov 2023	23 May 2023	---	---
Machine Hours	1460	543	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.8	44.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	16	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	2	7	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	5	---	---
Copper	ppm	85	76	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3840	4106	---	---
Magnesium	ppm	9	17	---	---
Zinc	ppm	1555	1598	---	---
Phosphorus	ppm	1199	1291	---	---
Barium	ppm	2	2	---	---
Boron	ppm	100	126	---	---

Depot: VOLVO0096
Unique No: 10768681
Signed: Don Baldrige
Report Date: 06 Dec 2023

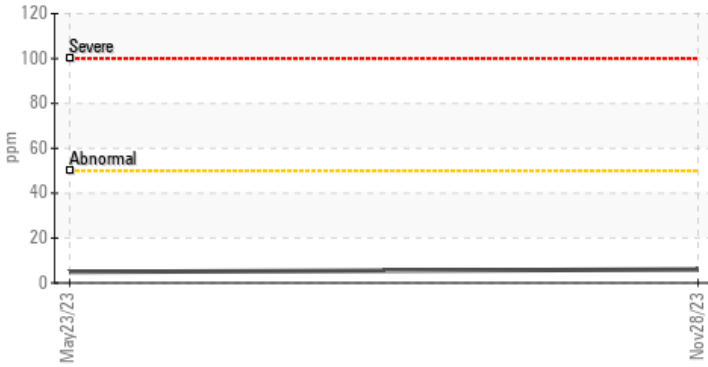


CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



Lead (ppm)



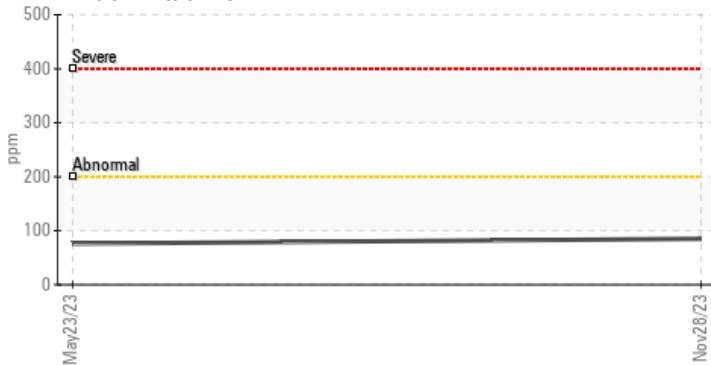
Aluminum (ppm)



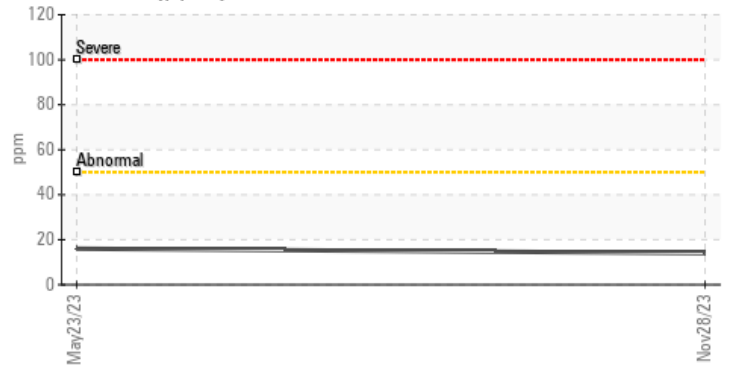
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

