



CONSTRUCTION EQUIPMENT

19473 IAA VOLVO L90H 623582 - FRONT AXLE



Sample No: VCP421690
Oil Type: VOLVO WB 102
Job No: 19473 IAA



SAMPLE INFORMATION

Sample Number	VCP421690	VCP330306	---	---
Sample Date	05 Sep 2023	08 Nov 2022	---	---
Machine Hours	12074	20964	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	45.5	63.0	---	---
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CONTAMINATION

Silicon	ppm	11	2	---	---
Sodium	ppm	3	<1	---	---
Potassium	ppm	0	0	---	---

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	28	5	---	---
Copper	ppm	0	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	12	7	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	2	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3016	469	---	---
Magnesium	ppm	108	55	---	---
Zinc	ppm	1304	628	---	---
Phosphorus	ppm	1148	477	---	---
Barium	ppm	0	0	---	---
Boron	ppm	133	18	---	---

Depot: VOLVO8769
Unique No: 10647734
Signed: Wes Davis
Report Date: 18 Sep 2023

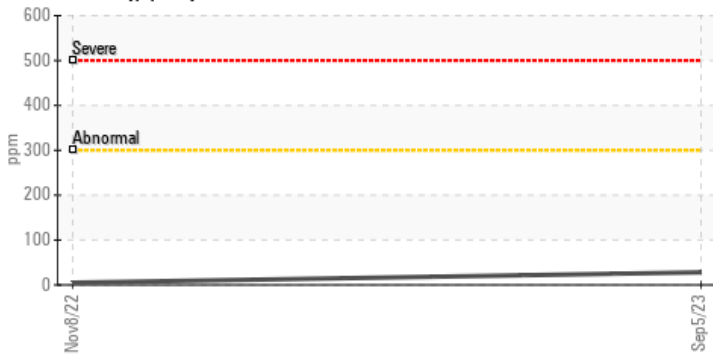


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GRAPHS

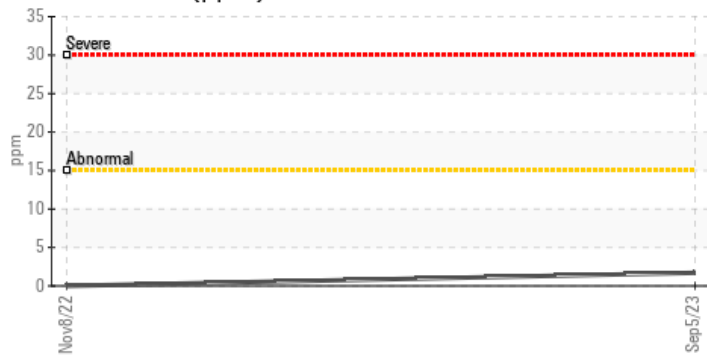
Iron (ppm)



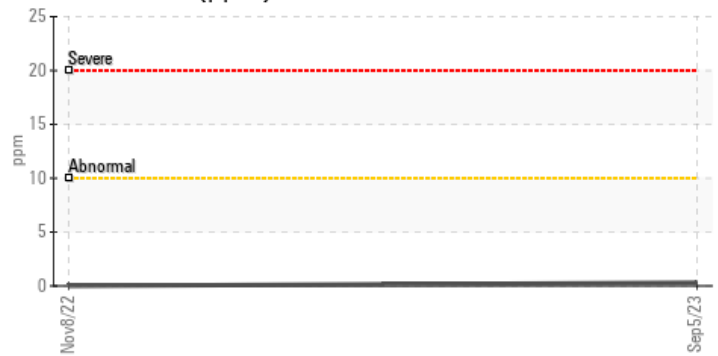
Lead (ppm)



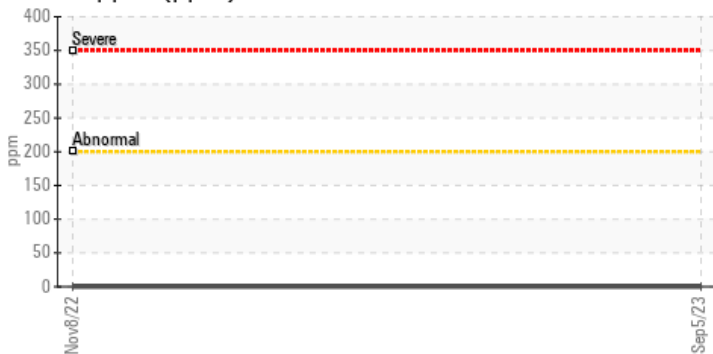
Aluminum (ppm)



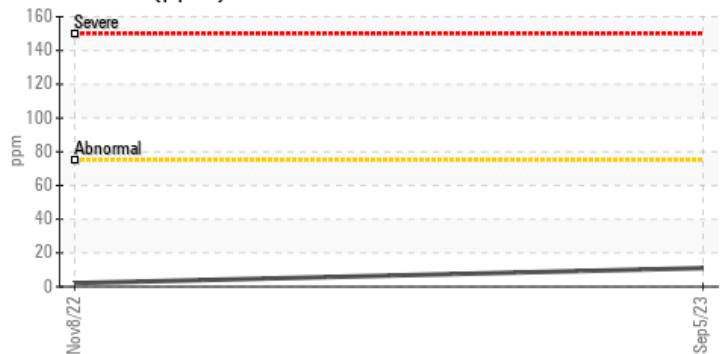
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

