



CONSTRUCTION EQUIPMENT

W07013376-1 AM HARDW VOLVO L90H 623857 - REAR AXLE



Sample No: VCP407214
Oil Type: VOLVO WB 102
Job No: W07013376-1 AM HARDW



SAMPLE INFORMATION

Sample Number	VCP407214	VCP340090	VCP288193	---
Sample Date	29 Aug 2023	25 Jan 2023	23 Oct 2020	---
Machine Hours	12895	11675	0	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
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T:
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OIL CONDITION

Visc @ 40°C	cSt	42.2	40.2	39.3	---
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CONTAMINATION

Silicon	ppm	14	23	10	---
Sodium	ppm	3	2	2	---
Potassium	ppm	1	3	8	---

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	25	193	30	---
Copper	ppm	8	22	28	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	3	0	---
Aluminum	ppm	2	4	1	---
Chromium	ppm	<1	2	<1	---
Molybdenum	ppm	4	<1	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	3	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3936	4524	3588	---
Magnesium	ppm	15	16	7	---
Zinc	ppm	1617	1808	1536	---
Phosphorus	ppm	1310	1479	1307	---
Barium	ppm	2	0	0	---
Boron	ppm	154	160	98	---

Depot: VOLVO8882
Unique No: 10633268
Signed: Wes Davis
Report Date: 06 Sep 2023

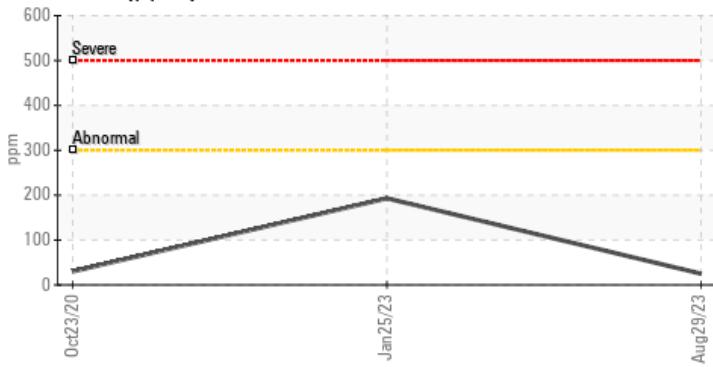


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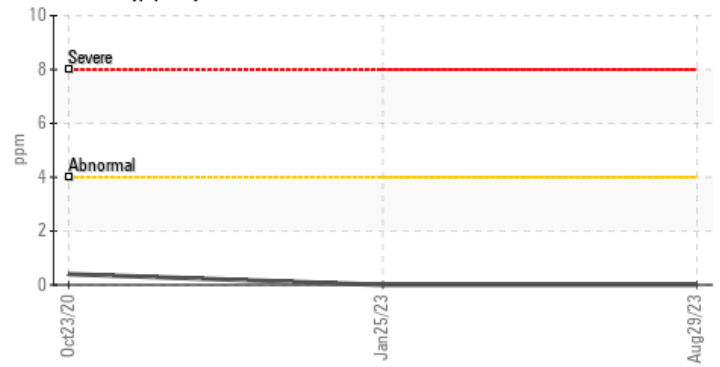


GRAPHS

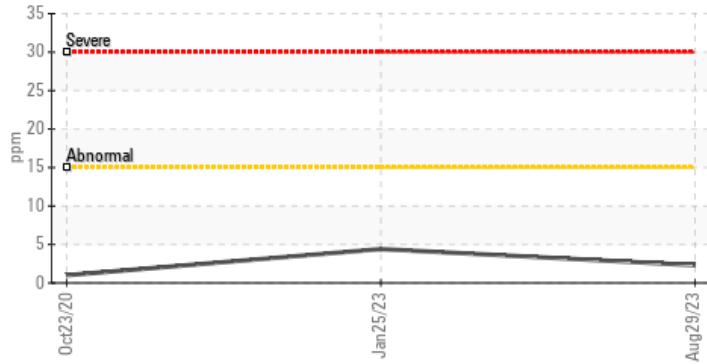
Iron (ppm)



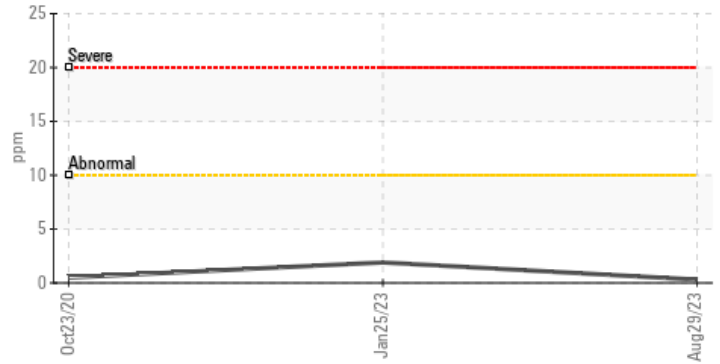
Lead (ppm)



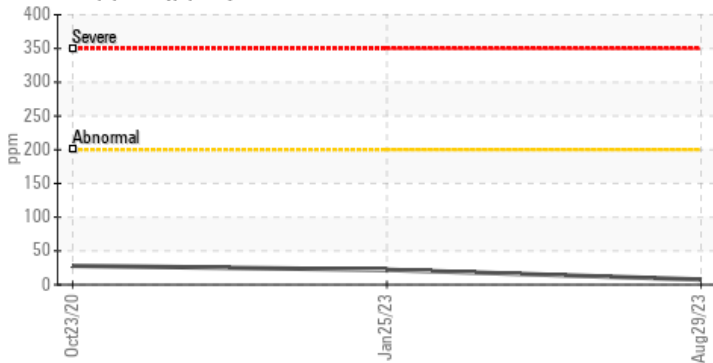
Aluminum (ppm)



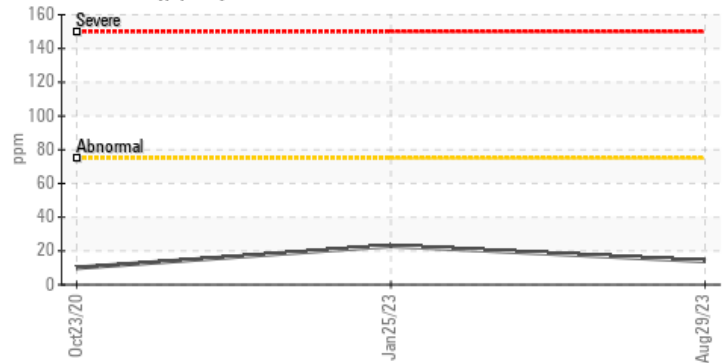
Chromium (ppm)



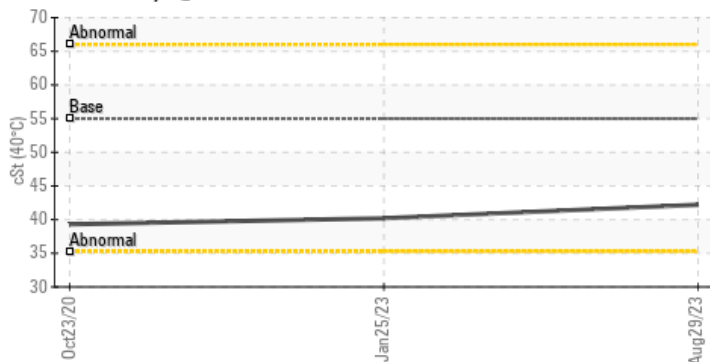
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

