



CONSTRUCTION EQUIPMENT

701268 IAA VOLVO L90H 625797 - FRONT AXLE



Sample No: VCP446368
Oil Type: VOLVO WB 102
Job No: 701268 IAA



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SAMPLE INFORMATION

Sample Number	VCP446368	VCP408628	---	---
Sample Date	09 Apr 2024	12 Jun 2023	---	---
Machine Hours	2757	2085	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.5	39.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	12	---	---
Sodium	ppm	<1	11	---	---
Potassium	ppm	2	0	---	---



WEAR METALS

Iron	ppm	53	79	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	8	12	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	10	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3665	4025	---	---
Magnesium	ppm	33	15	---	---
Zinc	ppm	1492	1661	---	---
Phosphorus	ppm	1234	1343	---	---
Barium	ppm	1	0	---	---
Boron	ppm	154	124	---	---

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.

Depot: VOLVO0093
Unique No: 10983568
Signed: Wes Davis
Report Date: 19 Apr 2024

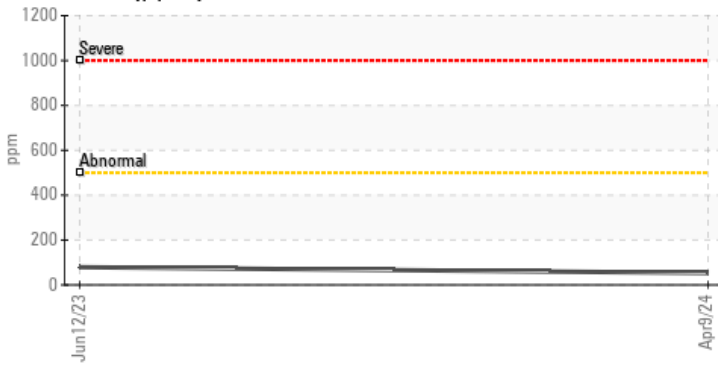


CONSTRUCTION EQUIPMENT



GRAPHS

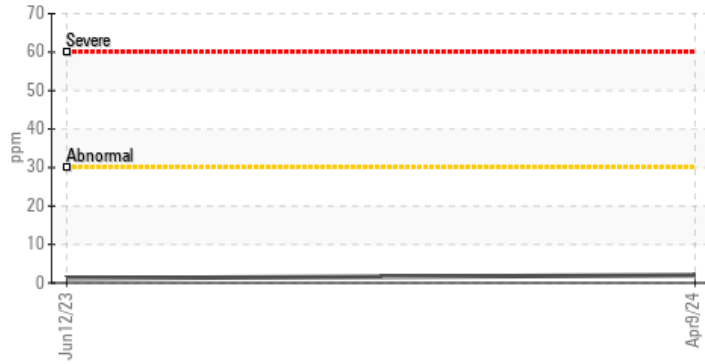
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



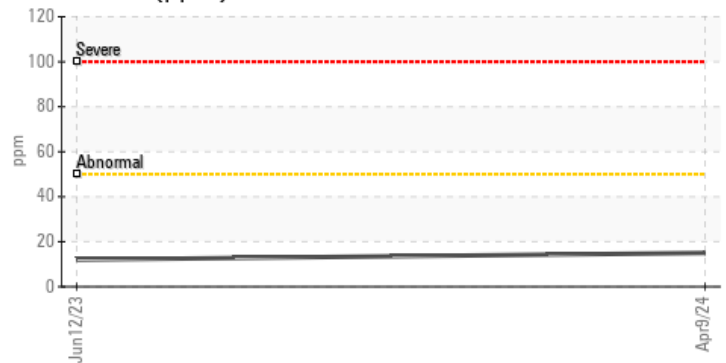
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

