



CONSTRUCTION EQUIPMENT

13078 IAA VOLVO L90G 623078 - FRONT AXLE



Sample No: VCP409368
Oil Type: VOLVO WB 102
Job No: 13078 IAA



SAMPLE INFORMATION

Sample Number	VCP409368	VCP194152	VCP182747	---
Sample Date	16 Aug 2023	08 Jun 2017	12 May 2016	---
Machine Hours	12335	3991	1943	---
Oil Hours	4000	0	0	---
Oil Changed	Changed	Changed	Changed	---
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	41.7	38.79	43.34	---
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CONTAMINATION

Silicon	ppm	17	12	48	---
Sodium	ppm	10	2	4	---
Potassium	ppm	1	<1	6	---

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	23	71	185	---
Copper	ppm	1	2	7	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	3	0	---
Aluminum	ppm	1	<1	10	---
Chromium	ppm	<1	2	4	---
Molybdenum	ppm	<1	<1	3	---
Nickel	ppm	0	<1	1	---
Titanium	ppm	0	0	2	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	3	8	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	4223	2698	3862	---
Magnesium	ppm	20	9	12	---
Zinc	ppm	1688	1155	1545	---
Phosphorus	ppm	1338	900	1235	---
Barium	ppm	0	0	0	---
Boron	ppm	141	78	104	---

Depot: VOLVO8882
Unique No: 10615789
Signed: Wes Davis
Report Date: 22 Aug 2023



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GRAPHS

