



CONSTRUCTION EQUIPMENT

9458 MAGSTONE VOLVO C120H 632611 - REAR AXLE



Sample No: VCP413940
Oil Type: VOLVO WB 102
Job No: 9458 MAGSTONE



SAMPLE INFORMATION

Sample Number	VCP413940	VCP365923	VCP344437	---
Sample Date	11 Aug 2023	19 Aug 2022	28 Jan 2022	---
Machine Hours	3985	2230	1149	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	43.3	48.0	40.4	---
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CONTAMINATION

Silicon	ppm	16	17	15	---
Sodium	ppm	0	3	3	---
Potassium	ppm	2	2	1	---



WEAR METALS

Iron	ppm	44	79	99	---
Copper	ppm	<1	2	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	3	2	<1	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	2	11	9	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	1	3	77	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	4073	3417	4195	---
Magnesium	ppm	34	119	10	---
Zinc	ppm	1595	1462	1481	---
Phosphorus	ppm	1295	1195	1430	---
Barium	ppm	2	0	0	---
Boron	ppm	150	133	158	---

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: VOLVO0150
Unique No: 10607558
Signed: Sean Felton
Report Date: 18 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

