



CONSTRUCTION EQUIPMENT

541 VOLVO L70GLB 614545 - FRONT AXLE



Sample No: VCP427200
Oil Type: MOBIL WB 102
Job No: 541



SAMPLE INFORMATION

Sample Number	VCP427200	---	---	---
Sample Date	07 Nov 2023	---	---	---
Machine Hours	1380	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 12345 MAPLEVIEW STREET
 LAKESIDE, CA
 US 92040
 Contact: Mark Stewart
 mark.stewart@vcesvolvo.com
 T: X
 F: X



OIL CONDITION

Visc @ 40°C	cSt	█ 41.3	---	---	---
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CONTAMINATION

Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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	█ 17	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4044	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1686	---	---	---
Phosphorus	ppm	1334	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	143	---	---	---

Depot: VOLVO4488
Unique No: 10749047
Signed: Doug Bogart
Report Date: 19 Nov 2023



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GRAPHS

