



CONSTRUCTION EQUIPMENT

8000376429 VOLVO L120H 633291 - REAR AXLE



Sample No: VCP353397
Oil Type: VOLVO WB 101
Job No: 8000376429



SAMPLE INFORMATION

Sample Number	VCP353397	VCP392390	---	---
Sample Date	25 Aug 2023	31 Mar 2023	---	---
Machine Hours	2143	1092	---	---
Oil Hours	0	1092	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
RED DEER COUNTY, AB
CA T4S 2L4
Contact: Perry Doyle
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OIL CONDITION

Visc @ 40°C	cSt	■ 49.7	■ 40.5	---	---
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CONTAMINATION

Silicon	ppm	■ 26	■ 22	---	---
Sodium	ppm	■ 1	■ 11	---	---
Potassium	ppm	■ <1	■ 19	---	---



WEAR METALS

Iron	ppm	■ 82	■ 133	---	---
Copper	ppm	■ <1	■ <1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 2	■ 1	---	---
Chromium	ppm	■ 2	■ 3	---	---
Molybdenum	ppm	■ 4	■ 13	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 6	■ 8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 3840	■ 4349	---	---
Magnesium	ppm	■ 18	■ 10	---	---
Zinc	ppm	■ 1478	■ 1670	---	---
Phosphorus	ppm	■ 1274	■ 1468	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 119	■ 121	---	---

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: VOLVO9652
Unique No: 5632270
Signed: Wes Davis
Report Date: 29 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

