



CONSTRUCTION EQUIPMENT

VOLVO L120H 633151 - REAR AXLE



Sample No: VCP214758
Oil Type: VOLVO WB 101
Job No:



SAMPLE INFORMATION

Sample Number	VCP214758	---	---	---
Sample Date	31 Oct 2023	---	---	---
Machine Hours	967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

403 - ASCENDUM MACHINERY INC - FARGO
 3739 38TH ST SW, SUITE E
 FARGO, ND
 US 58104
 Contact: SCOTT HANSON
 scott.hanson@ascendummachinery.com
 T:
 F: (701)356-4072



OIL CONDITION

Visc @ 40°C	cSt	■ 39.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 24	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 4	---	---	---

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	■ 257	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 11	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 16	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 3911	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 1600	---	---	---
Phosphorus	ppm	■ 1352	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 131	---	---	---

Depot: ASCFAR
Unique No: 10724390
Signed: Wes Davis
Report Date: 02 Nov 2023



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GRAPHS

