



CONSTRUCTION EQUIPMENT

24245 VOLVO L120 633091 - FRONT AXLE



Sample No: VCP435178
Oil Type: VOLVO WB 102
Job No: 24245



SAMPLE INFORMATION

Sample Number	VCP435178	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	1069	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcham@ascendummachinery.com
 T:
 F: (843)414-1129



OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 398	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 17	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3735	---	---	---
Magnesium	ppm	█ 24	---	---	---
Zinc	ppm	█ 1573	---	---	---
Phosphorus	ppm	█ 1325	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 134	---	---	---

Depot: VOLVO3387
Unique No: 10715870
Signed: Wes Davis
Report Date: 31 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

