



# CONSTRUCTION EQUIPMENT

## 219138 ALTA USED VOLVO L180H 4243 - REAR AXLE



**Sample No:** VCP403726  
**Oil Type:** VOLVO WB 102  
**Job No:** 219138 ALTA USED



### SAMPLE INFORMATION

Sample Number	VCP403726	---	---	---
Sample Date	30 Mar 2023	---	---	---
Machine Hours	6983	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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### OIL CONDITION

Visc @ 40°C	cSt	▲ 188	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

### Diagnosis

We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is higher than normal. Confirm oil type.



### WEAR METALS

Iron	ppm	■ 217	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	■ 840	---	---	---
Magnesium	ppm	■ 22	---	---	---
Zinc	ppm	■ 445	---	---	---
Phosphorus	ppm	■ 1003	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 77	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 10416421  
**Signed:** Don Baldrige  
**Report Date:** 11 Apr 2023



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## GRAPHS

