



CONSTRUCTION EQUIPMENT

219138 ALTA USED VOLVO L180H 4243 - FRONT AXLE



Sample No: VCP403761
Oil Type: VOLVO WB 102
Job No: 219138 ALTA USED



SAMPLE INFORMATION

Sample Number	VCP403761	---	---	---
Sample Date	30 Mar 2023	---	---	---
Machine Hours	6983	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 158	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	▲ 538	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 8	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 922	---	---	---
Magnesium	ppm	■ 20	---	---	---
Zinc	ppm	■ 501	---	---	---
Phosphorus	ppm	■ 963	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 98	---	---	---

Depot: VOLVO0096
Unique No: 10416419
Signed: Don Baldrige
Report Date: 11 Apr 2023



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VOLVO GRAPHS

