



CONSTRUCTION EQUIPMENT

VOLVO L110H 631301 - FRONT AXLE



Sample No: VCP274915
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP274915	---	---	---
Sample Date	03 May 2020	---	---	---
Machine Hours	11442	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COVANTA
 350 FLAKENBURG ROAD
 TAMPA, FL
 US 33619
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	█ 41.2	---	---	---
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T: (813)684-5688
 F:

CONTAMINATION

Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis
 The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. 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	▲ 1033	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 19	---	---	---
Molybdenum	ppm	█ 14	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 26	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 5307	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 2087	---	---	---
Phosphorus	ppm	█ 1751	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 142	---	---	---

Depot: COVTAM
Unique No: 9024609
Signed: Don Baldrige
Report Date: 12 May 2020



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GRAPHS

