



CONSTRUCTION EQUIPMENT

12034 CLEAN EARTH VOLVO L180H 4116 - FRONT AXLE



Sample No: VCP442339
Oil Type: VOLVO WB 101
Job No: 12034 CLEAN EARTH



HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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SAMPLE INFORMATION

Sample Number	VCP442339	---	---	---
Sample Date	10 Feb 2024	---	---	---
Machine Hours	16600	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 42.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 27	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 532	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	2815	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 1293	---	---	---
Phosphorus	ppm	█ 1082	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 92	---	---	---

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. All other 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.

Depot: VOLVO8879
Unique No: 10884896
Signed: Don Baldrige
Report Date: 20 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

