



CONSTRUCTION EQUIPMENT

20903 HELLAS CONST VOLVO L110H 631589 - FRONT AXLE



Sample No: VCE250097
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 20903 HELLAS CONST



520 - ASCENDUM MACHINERY INC - KNOXVILLE
 5730 RUTLEDGE PIKE
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SAMPLE INFORMATION

Sample Number	VCE250097	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	3939	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 42.1	---	---	---
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CONTAMINATION

Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 117	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3934	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1667	---	---	---
Phosphorus	ppm	█ 1335	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 132	---	---	---

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.

Depot: VOLVO0124
Unique No: 10712170
Signed: Wes Davis
Report Date: 26 Oct 2023



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GRAPHS

