



CONSTRUCTION EQUIPMENT

SPM633152 MAJOR VOLVO L110H 632377 - FRONT AXLE



Sample No: VCP428544
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM633152 MAJOR



SAMPLE INFORMATION

Sample Number	VCP428544	---	---	---
Sample Date	08 Nov 2023	---	---	---
Machine Hours	2237	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 40.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 13	---	---	---
Potassium	ppm	█ 1	---	---	---

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.



WEAR METALS

Iron	ppm	▲ 547	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	█ 15	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 16	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3769	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1493	---	---	---
Phosphorus	ppm	█ 1281	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 128	---	---	---

Depot: VOLVO5023
Unique No: 10765251
Signed: Don Baldrige
Report Date: 03 Dec 2023



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VOLVO GRAPHS

