



CONSTRUCTION EQUIPMENT

A11170 VOLVO L110H 632555 - FRONT AXLE



Sample No: VCP413242
Oil Type: MOBIL WB 102
Job No: A11170



SAMPLE INFORMATION

Sample Number	VCP413242	---	---	---
Sample Date	03 Oct 2023	---	---	---
Machine Hours	1760	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HMR ASSOCIATES
 PO BOX 485
 TOUGHKENAMON, PA
 US 19374
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█41.7	---	---	---
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T:
 F: (610)268-2225



CONTAMINATION

Silicon	ppm	█26	---	---	---
Sodium	ppm	█<1	---	---	---
Potassium	ppm	█3	---	---	---

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.



WEAR METALS

Iron	ppm	█219	---	---	---
Copper	ppm	█1	---	---	---
Lead	ppm	█<1	---	---	---
Tin	ppm	█0	---	---	---
Aluminum	ppm	█0	---	---	---
Chromium	ppm	█5	---	---	---
Molybdenum	ppm	13	---	---	---
Nickel	ppm	█1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3916	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	1659	---	---	---
Phosphorus	ppm	1317	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	121	---	---	---

Depot: HMRTOU
Unique No: 10689333
Signed: Don Baldrige
Report Date: 16 Oct 2023



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GRAPHS

