



CONSTRUCTION EQUIPMENT

SW1029410 MGC VOLVO L110F 61748 - REAR AXLE



Sample No: VCP442972
Oil Type: VOLVO WB 102
Job No: SW1029410 MGC



SAMPLE INFORMATION

Sample Number	VCP442972	---	---	---
Sample Date	31 Jan 2024	---	---	---
Machine Hours	6240	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
4323 EAST WINSLOW AVENUE
PHOENIX, AZ
US 85040
Contact: RANDY PRZEKURAT
randyp@arnoldmachinery.com
T:
F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	█ 40.7	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

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	█ 114	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3797	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1630	---	---	---
Phosphorus	ppm	█ 1102	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 131	---	---	---

Depot: VOLVO6174
Unique No: 10863738
Signed: Wes Davis
Report Date: 07 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

