



CONSTRUCTION EQUIPMENT

578 VOLVO L90H 625596 - REAR AXLE



Sample No: VCP412808
Oil Type: MOBIL WB 102
Job No: 578



SAMPLE INFORMATION

Sample Number	VCP412808	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	2055	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 12345 MAPLEVIEW STREET
 LAKESIDE, CA
 US 92040
 Contact: Mark Stewart
 mark.stewart@vcesvolvo.com
 T: X
 F: X



OIL CONDITION

Visc @ 40°C	cSt	▲ 42.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

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	■ 57	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3972	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	1588	---	---	---
Phosphorus	ppm	1309	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	135	---	---	---

Depot: VOLVO4488
Unique No: 10764300
Signed: Don Baldrige
Report Date: 01 Dec 2023



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GRAPHS

