



CONSTRUCTION EQUIPMENT

6689 VOLVO L90H 624606 - FRONT AXLE



Sample No: VCP422900
Oil Type: VOLVO WB 102
Job No: 6689



SAMPLE INFORMATION

Sample Number	VCP422900	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	6582	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

364 - ASCENDUM MACHINERY INC - MACON
 4807 HARRISON RD
 MACON, GA
 US 31206
 Contact: HALIE BAKER
 halie.baker@ascendummachinery.com
 T:
 F: (478)200-5859



OIL CONDITION

Visc @ 40°C	cSt	█ 42.5	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 36	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 64	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4972	---	---	---
Magnesium	ppm	█ 20	---	---	---
Zinc	ppm	█ 1917	---	---	---
Phosphorus	ppm	█ 1626	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 166	---	---	---

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: ASCMAC
Unique No: 10789030
Signed: Don Baldrige
Report Date: 17 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

