



CONSTRUCTION EQUIPMENT

SW1023492 UPAP VOLVO L90H 626690 - FRONT AXLE



Sample No: VCE196221
Oil Type: VOLVO WB 102
Job No: SW1023492 UPAP



ARNOLD MACHINERY COMPANY
4323 EAST WINSLOW AVENUE
PHOENIX, AZ
US 85040
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SAMPLE INFORMATION

Sample Number	VCE196221	---	---	---
Sample Date	01 Sep 2023	---	---	---
Machine Hours	643	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 42.3	---	---	---
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CONTAMINATION

Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 60	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ < 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 4108	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1665	---	---	---
Phosphorus	ppm	█ 1345	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 129	---	---	---

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: VOLVO6174
Unique No: 10642029
Signed: Wes Davis
Report Date: 11 Sep 2023



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GRAPHS

