



CONSTRUCTION EQUIPMENT

SW1022432 BALCONES VOLVO L120H 633369 - FRONT AXLE



Sample No: VCP417470
Oil Type: VOLVO WB 102
Job No: SW1022432 BALCONES



SAMPLE INFORMATION

Sample Number	VCP417470	---	---	---
Sample Date	22 Aug 2023	---	---	---
Machine Hours	1436	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 42.0	---	---	---
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CONTAMINATION

Silicon	ppm	█ 33	---	---	---
Sodium	ppm	█ 4	---	---	---
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	█ 296	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 13	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 4056	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 1600	---	---	---
Phosphorus	ppm	█ 1324	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 146	---	---	---

Depot: VOLVO6174
Unique No: 10622853
Signed: Wes Davis
Report Date: 30 Aug 2023



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GRAPHS

