



CONSTRUCTION EQUIPMENT

SW1028727 VOLVO L120H 633345 - REAR AXLE



Sample No: VCP436666
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: SW1028727



SAMPLE INFORMATION

Sample Number	VCP436666	---	---	---
Sample Date	15 Jan 2024	---	---	---
Machine Hours	2124	---	---	---
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	█ 41.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 405	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	25	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 15	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3942	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1690	---	---	---
Phosphorus	ppm	█ 1291	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 133	---	---	---

Depot: VOLVO6174
Unique No: 10845885
Signed: Wes Davis
Report Date: 24 Jan 2024



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GRAPHS

