



CONSTRUCTION EQUIPMENT

SW-32760-2 AMCOR VOLVO L110H 632720 - FRONT AXLE



Sample No: VCP446597
Oil Type: VOLVO WB 102
Job No: SW-32760-2 AMCOR



SAMPLE INFORMATION

Sample Number	VCP446597	VCP438068	---	---
Sample Date	08 Apr 2024	11 Jan 2024	---	---
Machine Hours	2388	1250	---	---
Oil Hours	2388	1250	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ARNOLD MACHINERY COMPANY

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OIL CONDITION

Visc @ 40°C	cSt	42.9	44.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	27	40	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	5	8	---	---

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	159	318	---	---
Copper	ppm	1	1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	3	4	---	---
Molybdenum	ppm	6	12	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	11	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3850	3970	---	---
Magnesium	ppm	23	8	---	---
Zinc	ppm	1530	1588	---	---
Phosphorus	ppm	1237	1395	---	---
Barium	ppm	2	2	---	---
Boron	ppm	118	131	---	---

Depot: VOLVO8770
Unique No: 10979116
Signed: Wes Davis
Report Date: 16 Apr 2024



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GRAPHS

