



CONSTRUCTION EQUIPMENT

SW1027198 VOLVO L60H 62256 - REAR AXLE



Sample No: VCP413046
Oil Type: VOLVO WB 102
Job No: SW1027198



SAMPLE INFORMATION

Sample Number	VCP413046	VCP417385	VCP397936	---
Sample Date	05 Dec 2023	14 Aug 2023	13 Apr 2023	---
Machine Hours	6012	5326	4627	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	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	44.5	44.8	43.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	11	13	---
Sodium	ppm	3	3	10	---
Potassium	ppm	0	0	0	---

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	60	49	194	---
Copper	ppm	4	3	8	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	0	2	---
Chromium	ppm	<1	<1	3	---
Molybdenum	ppm	<1	0	3	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	1	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3605	3579	3299	---
Magnesium	ppm	19	20	20	---
Zinc	ppm	1529	1452	1410	---
Phosphorus	ppm	1274	1157	1089	---
Barium	ppm	0	0	0	---
Boron	ppm	107	105	110	---

Depot: VOLVO6174
Unique No: 10782316
Signed: Wes Davis
Report Date: 13 Dec 2023



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GRAPHS

