



CONSTRUCTION EQUIPMENT

SW1024553 VOLVO L90H 624722 - FRONT AXLE



Sample No: VCP415356
Oil Type: VOLVO WB 102
Job No: SW1024553



SAMPLE INFORMATION

Sample Number	VCP415356	VCP400944	---	---
Sample Date	25 Sep 2023	09 May 2023	---	---
Machine Hours	3498	3337	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	53.1	38.7	---	---
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CONTAMINATION

Silicon	ppm	16	14	---	---
Sodium	ppm	0	9	---	---
Potassium	ppm	1	2	---	---

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	19	116	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	4	---	---
Molybdenum	ppm	8	13	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3312	3811	---	---
Magnesium	ppm	66	10	---	---
Zinc	ppm	1426	1574	---	---
Phosphorus	ppm	1134	1313	---	---
Barium	ppm	0	0	---	---
Boron	ppm	128	121	---	---

Depot: VOLVO6174
Unique No: 10672301
Signed: Don Baldrige
Report Date: 02 Oct 2023



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GRAPHS

