



CONSTRUCTION EQUIPMENT

701444 GENERAL ASP VOLVO L110H 632418 - FRONT AXLE



Sample No: VCP445575
Oil Type: VOLVO WB 102
Job No: 701444 GENERAL ASP



SAMPLE INFORMATION

Sample Number	VCP445575	VCP440276	---	---
Sample Date	15 Apr 2024	20 Sep 2023	---	---
Machine Hours	2034	1169	---	---
Oil Hours	2034	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.0	40.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	18	22	---	---
Sodium	ppm	3	9	---	---
Potassium	ppm	0	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	300	280	---	---
Copper	ppm	10	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	3	---	---
Chromium	ppm	6	6	---	---
Molybdenum	ppm	6	9	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	9	9	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3929	3916	---	---
Magnesium	ppm	20	9	---	---
Zinc	ppm	1534	1595	---	---
Phosphorus	ppm	1220	1281	---	---
Barium	ppm	0	0	---	---
Boron	ppm	153	121	---	---

Depot: VOLVO0093
Unique No: 11031770
Signed: Wes Davis
Report Date: 16 May 2024



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GRAPHS

