



CONSTRUCTION EQUIPMENT

715618 VOLVO L90H 626297 - FRONT AXLE



Sample No: VCP449537
Oil Type: VOLVO WB 102
Job No: 715618



SAMPLE INFORMATION

Sample Number	VCP449537	VCP394013	VCP370964	---
Sample Date	04 May 2024	20 Feb 2023	18 Oct 2022	---
Machine Hours	2694	1172	582	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	43.0	40.2	40.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	16	20	18	---
Sodium	ppm	0	10	8	---
Potassium	ppm	2	4	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	46	60	42	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	<1	<1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	1	0	---
Chromium	ppm	2	3	3	---
Molybdenum	ppm	4	14	10	---
Nickel	ppm	1	<1	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	10	8	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	4081	3857	4046	---
Magnesium	ppm	17	12	6	---
Zinc	ppm	1590	1583	1647	---
Phosphorus	ppm	1259	1237	1231	---
Barium	ppm	0	0	0	---
Boron	ppm	155	132	122	---

Depot: VOLVO0096
Unique No: 11019002
Signed: Wes Davis
Report Date: 09 May 2024



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GRAPHS

