



CONSTRUCTION EQUIPMENT

VOLVO L90H 625542 - FRONT AXLE



Sample No: VCP0007783

Oil Type: TDTO FLUID SAE 30

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007783	VCP0007464	VCP0006215	---
Sample Date	22 Jan 2024	04 Apr 2023	04 Jan 2023	---
Machine Hours	10182	8228	0	---
Oil Hours	10182	8228	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: TECHNICIAN ACCOUNT
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OIL CONDITION

Visc @ 40°C	cSt	44.6	51.6	137	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	16	10	7	---
Sodium	ppm	2	2	4	---
Potassium	ppm	0	<1	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	30	24	55	---
Copper	ppm	0	0	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	0	1	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	<1	1	4	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3495	3497	3075	---
Magnesium	ppm	9	11	13	---
Zinc	ppm	1440	1490	1223	---
Phosphorus	ppm	1175	1163	994	---
Barium	ppm	0	0	0	---
Boron	ppm	104	63	24	---

Depot: VOLVO0092
Unique No: 10847455
Signed: Don Baldrige
Report Date: 28 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

