



CONSTRUCTION EQUIPMENT

VOLVO L90H 625542 - REAR AXLE



Sample No: VCP0007780

Oil Type: TDTO FLUID SAE 50

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007780	VCP0007466	VCP0006213	---
Sample Date	22 Jan 2024	04 Apr 2023	04 Jan 2023	---
Machine Hours	10182	0	0	---
Oil Hours	10182	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	MARGINAL	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	44.9	51.6	148	---
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CONTAMINATION

Water	%	0.344	NEG	NEG	---
Silicon	ppm	15	11	7	---
Sodium	ppm	2	<1	3	---
Potassium	ppm	0	1	0	---



WEAR METALS

Iron	ppm	25	23	42	---
Copper	ppm	0	0	7	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	0	2	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	<1	1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3539	3560	2946	---
Magnesium	ppm	9	11	12	---
Zinc	ppm	1446	1503	1178	---
Phosphorus	ppm	1188	1162	971	---
Barium	ppm	0	0	0	---
Boron	ppm	100	64	18	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0092
Unique No: 10847458
Signed: Don Baldrige
Report Date: 28 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

