



CONSTRUCTION EQUIPMENT

VOLVO L90H 624919 - FRONT AXLE



Sample No: VCP0007788

Oil Type: TDTO FLUID SAE 30

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007788	VCP0007459	VCP0006207	---
Sample Date	22 Jan 2024	04 Apr 2023	04 Jan 2023	---
Machine Hours	16598	13058	13058	---
Oil Hours	16598	13058	13058	---
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
catherine.anastasio@wearcheck.com
T:
F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	43.8	44.1	█ 137	---
-------------	-----	-------------	------	-------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	█ 14	█ 14	█ 7	---
Sodium	ppm	█ 2	█ <1	█ 2	---
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	█ 29	█ 22	█ 53	---
Copper	ppm	█ 0	█ 0	█ <1	---
Lead	ppm	█ 0	█ 0	█ 0	---
Tin	ppm	█ <1	█ 0	█ <1	---
Aluminum	ppm	█ 1	█ 0	█ 2	---
Chromium	ppm	█ <1	█ <1	█ 2	---
Molybdenum	ppm	█ <1	█ <1	█ 2	---
Nickel	ppm	█ 0	█ 0	█ <1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	█ 1	█ <1	█ 2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	█ 3566	█ 3603	█ 3154	---
Magnesium	ppm	█ 10	█ 12	█ 14	---
Zinc	ppm	█ 1449	█ 1517	█ 1267	---
Phosphorus	ppm	█ 1197	█ 1186	█ 1023	---
Barium	ppm	█ 0	█ 0	█ 0	---
Boron	ppm	█ 97	█ 66	█ 27	---

Depot: VOLVO0092
Unique No: 10847457
Signed: Don Baldrige
Report Date: 28 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

