



CONSTRUCTION EQUIPMENT

SWA506908 RENTAL VOLVO L90H 626145 - FRONT AXLE



Sample No: VCP380604
Oil Type: VOLVO WB 102
Job No: SWA506908 RENTAL



SAMPLE INFORMATION

Sample Number	VCP380604	VCP405764	---	---
Sample Date	14 Mar 2024	08 May 2023	---	---
Machine Hours	819	596	---	---
Oil Hours	819	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	40.4	40.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	14	---	---
Sodium	ppm	8	8	---	---
Potassium	ppm	3	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	88	67	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	5	---	---
Chromium	ppm	4	4	---	---
Molybdenum	ppm	10	9	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	11	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4172	4044	---	---
Magnesium	ppm	13	13	---	---
Zinc	ppm	1696	1724	---	---
Phosphorus	ppm	1311	1354	---	---
Barium	ppm	0	0	---	---
Boron	ppm	163	129	---	---

Depot: VOLVO0142
Unique No: 10940911
Signed: Wes Davis
Report Date: 25 Mar 2024



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VOLVO GRAPHS

