



CONSTRUCTION EQUIPMENT

VOLVO L60H 621848 - REAR AXLE



Sample No: VCP449525
Oil Type: VOLVO WB 101
Job No:



SAMPLE INFORMATION

Sample Number	VCP449525	VCP421429	---	---
Sample Date	14 May 2024	18 Aug 2023	---	---
Machine Hours	5769	4546	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	43.8	39.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	17	---	---
Sodium	ppm	8	8	---	---
Potassium	ppm	2	<1	---	---

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	87	313	---	---
Copper	ppm	6	24	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	2	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	7	---	---
Molybdenum	ppm	2	5	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	3	12	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	3963	4050	---	---
Magnesium	ppm	9	10	---	---
Zinc	ppm	1567	1637	---	---
Phosphorus	ppm	1309	1329	---	---
Barium	ppm	0	0	---	---
Boron	ppm	123	139	---	---

Depot: VOLVO0090
Unique No: 11035991
Signed: Wes Davis
Report Date: 21 May 2024



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GRAPHS

