



CONSTRUCTION EQUIPMENT

VOLVO L90H 624516 - REAR AXLE



Sample No: VCP412363
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP412363	VCP268110	VCP225967	---
Sample Date	14 Aug 2023	24 Mar 2020	29 Jan 2020	---
Machine Hours	11024	3082	2557	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

FORESTRY RESOURCES
 4353 MICHIGAN LINK
 FORT MYERS, FL
 US 33916
 Contact: COREY MUELLER



OIL CONDITION

Visc @ 40°C	cSt	42.5	40.0	39.3	---
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T: (239)872-1856
 F:



CONTAMINATION

Silicon	ppm	14	12	15	---
Sodium	ppm	8	8	7	---
Potassium	ppm	1	0	3	---

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	68	24	139	---
Copper	ppm	0	99	▲ 609	---
Lead	ppm	0	2	3	---
Tin	ppm	<1	0	▲ 57	---
Aluminum	ppm	2	<1	2	---
Chromium	ppm	1	<1	5	---
Molybdenum	ppm	<1	<1	3	---
Nickel	ppm	<1	<1	4	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	1	10	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3333	3862	3999	---
Magnesium	ppm	17	14	11	---
Zinc	ppm	1483	1634	1491	---
Phosphorus	ppm	1174	1250	1231	---
Barium	ppm	0	0	0	---
Boron	ppm	108	115	147	---

Depot: FORFOTFL
Unique No: 10606385
Signed: Wes Davis
Report Date: 17 Aug 2023



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GRAPHS

