



CONSTRUCTION EQUIPMENT

VOLVO L90H 624516 - FRONT AXLE



Sample No: VCP412369
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP412369	VCP269535	VCP261573	---
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 Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

FORESTRY RESOURCES

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



OIL CONDITION

Visc @ 40°C	cSt	41.9	43.4	41.4	---
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T: (239)872-1856
 F:



CONTAMINATION

Silicon	ppm	14	12	13	---
Sodium	ppm	8	8	7	---
Potassium	ppm	1	0	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	69	26	102	---
Copper	ppm	0	<1	6	---
Lead	ppm	0	2	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	2	<1	1	---
Chromium	ppm	1	<1	4	---
Molybdenum	ppm	<1	4	10	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	2	8	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3249	4023	4019	---
Magnesium	ppm	15	14	10	---
Zinc	ppm	1437	1686	1495	---
Phosphorus	ppm	1138	1295	1257	---
Barium	ppm	0	0	0	---
Boron	ppm	105	119	143	---

Depot: FORFOTFL
Unique No: 10606376
Signed: Wes Davis
Report Date: 17 Aug 2023



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VOLVO GRAPHS

