



CONSTRUCTION EQUIPMENT

6183 VOLVO L90H 624973 - REAR AXLE



Sample No: VCP439127
Oil Type: VOLVO WB 102
Job No: 6183



SAMPLE INFORMATION

Sample Number	VCP439127	VCP409919	VCP405115	VCP398510
Sample Date	02 Feb 2024	10 May 2023	04 Apr 2023	31 Jan 2023
Machine Hours	11234	9944	9595	9127
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

FORESTRY RESOURCES

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



OIL CONDITION

Visc @ 40°C	cSt	43.4	44.1	46.2	44.1
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T: (239)872-1856
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	11	9	12
Sodium	ppm	2	2	3	4
Potassium	ppm	0	1	0	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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	20	25	11	16
Copper	ppm	14	60	60	51
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	0	1
Aluminum	ppm	0	0	1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	3	1	1	1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3340	3432	2440	3539
Magnesium	ppm	25	17	12	18
Zinc	ppm	1435	1488	1187	1472
Phosphorus	ppm	1210	1255	1090	1224
Barium	ppm	0	0	0	0
Boron	ppm	145	119	113	131

Depot: FORFOTFL
Unique No: 10872967
Signed: Wes Davis
Report Date: 12 Feb 2024



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VOLVO GRAPHS

