



CONSTRUCTION EQUIPMENT

645703 364142 VOLVO L90G 3781 - REAR AXLE



Sample No: VCP432921
Oil Type: VOLVO WB 102
Job No: 645703



SAMPLE INFORMATION

Sample Number	VCP432921	VCP425594	VCP364022	VCP342281
Sample Date	08 Dec 2023	09 May 2023	11 Oct 2022	09 Feb 2022
Machine Hours	0	10350	9569	8661
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

TRADEMARK METALS RECYCLING - DAYTONA-HOLLY HILL
402 3RD ST
HOLLY HILL, FL
US 32117
Contact: RYAN BOWDEN

OIL CONDITION

Visc @ 40°C	cSt	39.3	40.1	40.4	42.5
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T: (386)255-1453
F: (386)254-2874

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	14	15	13
Sodium	ppm	6	7	8	8
Potassium	ppm	0	2	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	58	91	69	65
Copper	ppm	5	5	5	4
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	<1	<1	1
Aluminum	ppm	<1	<1	2	1
Chromium	ppm	<1	1	1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	1	1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3550	3882	3883	4440
Magnesium	ppm	4	14	16	17
Zinc	ppm	1489	1619	1559	1624
Phosphorus	ppm	1444	1317	1263	1378
Barium	ppm	0	0	0	0
Boron	ppm	104	129	136	132

Depot: TRADAY
Unique No: 10790663
Signed: Wes Davis
Report Date: 15 Dec 2023



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GRAPHS

