



CONSTRUCTION EQUIPMENT

400616 WM VOLVO L90H 624438 - REAR AXLE



Sample No: VCP432310
Oil Type: VOLVO WB 102
Job No: 400616 WM



SAMPLE INFORMATION

Sample Number	VCP432310	VCP434901	VCP417667	VCP421511
Sample Date	27 Oct 2023	01 Sep 2023	10 Jul 2023	16 May 2023
Machine Hours	12363	11842	11301	10677
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.3	43.2	43.3	43.9
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CONTAMINATION

Silicon	ppm	11	13	15	15
Sodium	ppm	0	0	2	1
Potassium	ppm	0	0	<1	0



WEAR METALS

Iron	ppm	61	81	196	125
Copper	ppm	2	2	6	3
Lead	ppm	0	0	1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	0	2	2
Chromium	ppm	0	<1	1	1
Molybdenum	ppm	3	5	3	2
Nickel	ppm	0	<1	1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3587	3726	4413	4019
Magnesium	ppm	31	41	16	26
Zinc	ppm	1472	1496	1690	1680
Phosphorus	ppm	1091	1156	1372	1329
Barium	ppm	0	7	0	0
Boron	ppm	149	139	155	118

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.

Depot: VOLVO0096
Unique No: 10725296
Signed: Sean Felton
Report Date: 03 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

