



CONSTRUCTION EQUIPMENT

SPM579499 WASTE MGMT VOLVO L90H 624438 - REAR AXLE



Sample No: VCP417667
Oil Type: VOLVO WB 102
Job No: SPM579499 WASTE MGMT



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SAMPLE INFORMATION

Sample Number	VCP417667	VCP421511	VCP405134	VCP393349
Sample Date	10 Jul 2023	16 May 2023	03 Apr 2023	10 Feb 2023
Machine Hours	11301	10677	10330	9322
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	43.3	43.9	44.7	43.0
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CONTAMINATION

Silicon	ppm	15	15	15	16
Sodium	ppm	2	1	<1	3
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	196	125	105	149
Copper	ppm	6	3	2	2
Lead	ppm	1	<1	0	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	2	<1	<1
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	3	2	3	4
Nickel	ppm	1	2	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4413	4019	4000	3547
Magnesium	ppm	16	26	26	20
Zinc	ppm	1690	1680	1612	1398
Phosphorus	ppm	1372	1329	1238	1098
Barium	ppm	0	0	0	0
Boron	ppm	155	118	132	136

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: VOLVO0093
Unique No: 10564001
Signed: Wes Davis
Report Date: 20 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

