



CONSTRUCTION EQUIPMENT

0330 WASTE MGMT VOLVO L90H 624438 - FRONT AXLE



Sample No: VCP439286
Oil Type: VOLVO WB 102
Job No: 0330 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP439286	VCP431531	VCP432307	VCP434886
Sample Date	26 Jan 2024	15 Dec 2023	27 Oct 2023	01 Sep 2023
Machine Hours	13382	12918	12363	11842
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	45.8	42.9	43.0	43.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	13	12	13
Sodium	ppm	0	0	0	0
Potassium	ppm	2	0	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	42	72	59	55
Copper	ppm	2	3	<1	<1
Lead	ppm	<1	1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	1	<1	0
Chromium	ppm	1	1	0	<1
Molybdenum	ppm	4	4	2	4
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3573	3458	3584	3732
Magnesium	ppm	42	17	31	39
Zinc	ppm	1658	1439	1463	1497
Phosphorus	ppm	1194	1132	1098	1150
Barium	ppm	0	0	0	6
Boron	ppm	128	136	154	142

Depot: VOLVO0096
Unique No: 10860693
Signed: Wes Davis
Report Date: 05 Feb 2024



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GRAPHS

