



CONSTRUCTION EQUIPMENT

534598 GEN ASPHALT VOLVO L90H 623733 - FRONT AXLE



Sample No: VCP449554
Oil Type: VOLVO WB 102
Job No: 534598 GEN ASPHALT



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SAMPLE INFORMATION

Sample Number	VCP449554	VCP438944	VCP440986	VCP417243
Sample Date	15 Apr 2024	22 Jan 2024	12 Oct 2023	29 Jun 2023
Machine Hours	12275	7807	7240	6673
Oil Hours	4000	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	ATTENTION



OIL CONDITION

Visc @ 40°C	cSt	43.4	41.9	41.5	33.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	5	10	13
Sodium	ppm	0	<1	2	3
Potassium	ppm	3	2	0	2



WEAR METALS

Iron	ppm	40	48	64	196
Copper	ppm	<1	0	<1	1
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	1	<1	<1	2
Chromium	ppm	<1	<1	<1	3
Molybdenum	ppm	4	3	5	3
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	2	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3711	1261	2231	661
Magnesium	ppm	46	23	37	10
Zinc	ppm	1523	775	924	287
Phosphorus	ppm	1306	655	832	415
Barium	ppm	0	0	0	0
Boron	ppm	148	66	107	106

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: 11036598
Signed: Wes Davis
Report Date: 22 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

