



CONSTRUCTION EQUIPMENT

4883 IAA VOLVO L90H 623702 - REAR AXLE



Sample No: VCP438154
Oil Type: VOLVO WB 102
Job No: 4883 IAA



SAMPLE INFORMATION

Sample Number	VCP438154	VCP397646	VCP375092	VCP346506
Sample Date	09 Jan 2024	23 Jan 2023	21 Jul 2022	01 Mar 2022
Machine Hours	9535	8975	8525	8020
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.9	40.6	40.6	40.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	14	13	3
Sodium	ppm	0	7	6	<1
Potassium	ppm	2	0	2	1

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	48	84	93	11
Copper	ppm	7	7	7	2
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	1	2	<1
Chromium	ppm	<1	1	1	0
Molybdenum	ppm	2	<1	1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4141	3739	4179	1193
Magnesium	ppm	24	18	19	0
Zinc	ppm	1688	1481	1728	580
Phosphorus	ppm	1335	1181	1340	486
Barium	ppm	2	0	2	0
Boron	ppm	160	131	156	37

Depot: VOLVO0096
Unique No: 10831004
Signed: Wes Davis
Report Date: 14 Jan 2024



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VOLVO GRAPHS

