



CONSTRUCTION EQUIPMENT

A11109 IAA VOLVO L90H 623537 - FRONT AXLE



Sample No: VCP412814
Oil Type: MOBIL WB 102
Job No: A11109 IAA



SAMPLE INFORMATION

Sample Number	VCP412814	VCP383633	VCP339368	VCP288572
Sample Date	20 Sep 2023	14 Dec 2022	17 Dec 2021	12 Oct 2020
Machine Hours	11805	10665	9000	7920
Oil Hours	2000	2000	1000	2000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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OIL CONDITION

Visc @ 40°C	cSt	43.6	42.0	42.6	39.3
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CONTAMINATION

Silicon	ppm	12	13	16	8
Sodium	ppm	2	11	12	0
Potassium	ppm	<1	0	1	<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	10	35	22	17
Copper	ppm	0	<1	<1	2
Lead	ppm	<1	0	2	<1
Tin	ppm	<1	<1	2	0
Aluminum	ppm	<1	2	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	<1	<1	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3674	3780	3685	2183
Magnesium	ppm	51	17	17	11
Zinc	ppm	1597	1515	1478	994
Phosphorus	ppm	1264	1213	1213	986
Barium	ppm	0	2	0	0
Boron	ppm	116	120	122	82

Depot: VOLVO8879
Unique No: 10673216
Signed: Wes Davis
Report Date: 04 Oct 2023



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VOLVO GRAPHS

