



CONSTRUCTION EQUIPMENT

659877 VOLVO L120H 632860 - FRONT AXLE



Sample No: VCP437452
Oil Type: VOLVO WB 102
Job No: 659877



SAMPLE INFORMATION

Sample Number	VCP437452	VCP432768	VCP411729	VCP396605
Sample Date	15 Jan 2024	06 Sep 2023	06 Jun 2023	08 Feb 2023
Machine Hours	6693	5768	4936	4349
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
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OIL CONDITION

Visc @ 40°C	cSt	40.7	44.2	43.0	42.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	10	21	16
Sodium	ppm	4	3	3	7
Potassium	ppm	3	0	2	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	259	100	243	186
Copper	ppm	2	1	3	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	2	1	2	1
Chromium	ppm	7	<1	2	2
Molybdenum	ppm	13	0	2	1
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	16	2	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3950	3171	4870	3645
Magnesium	ppm	10	21	26	20
Zinc	ppm	1646	1489	2082	1506
Phosphorus	ppm	1321	1326	1726	1166
Barium	ppm	3	0	2	0
Boron	ppm	148	100	169	123

Depot: ORAORL
Unique No: 10835999
Signed: Wes Davis
Report Date: 19 Jan 2024



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VOLVO GRAPHS

