



CONSTRUCTION EQUIPMENT

701330 VOLVO L120H 632860 - FRONT AXLE



Sample No: VCP446353
Oil Type: VOLVO WB 102
Job No: 701330



SAMPLE INFORMATION

Sample Number	VCP446353	VCP437452	VCP432768	VCP411729
Sample Date	09 Apr 2024	15 Jan 2024	06 Sep 2023	06 Jun 2023
Machine Hours	7484	6693	5768	4936
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
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OIL CONDITION

Visc @ 40°C	cSt	67.43	40.7	44.2	43.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	18	10	21
Sodium	ppm	3	4	3	3
Potassium	ppm	2	3	0	2

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	110	259	100	243
Copper	ppm	4	2	1	3
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	3	2	1	2
Chromium	ppm	3	7	<1	2
Molybdenum	ppm	5	13	0	2
Nickel	ppm	1	<1	<1	1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	6	16	2	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3012	3950	3171	4870
Magnesium	ppm	21	10	21	26
Zinc	ppm	1270	1646	1489	2082
Phosphorus	ppm	1138	1321	1326	1726
Barium	ppm	1	3	0	2
Boron	ppm	95	148	100	169

Depot: ORAORL
Unique No: 10979118
Signed: Jonathan Hester
Report Date: 18 Apr 2024



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VOLVO GRAPHS

