



CONSTRUCTION EQUIPMENT

SPM606017 VOLVO L120H 632860 - FRONT AXLE



Sample No: VCP432768
Oil Type: VOLVO WB 102
Job No: SPM606017



SAMPLE INFORMATION

Sample Number	VCP432768	VCP411729	VCP396605	VCP375113
Sample Date	06 Sep 2023	06 Jun 2023	08 Feb 2023	16 Jul 2022
Machine Hours	5768	4936	4349	3246
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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	44.2	43.0	42.3	42.6
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CONTAMINATION

Silicon	ppm	10	21	16	18
Sodium	ppm	3	3	7	8
Potassium	ppm	0	2	0	0



WEAR METALS

Iron	ppm	100	243	186	176
Copper	ppm	1	3	2	1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	1	2	1	2
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	0	2	1	2
Nickel	ppm	<1	1	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	3	3	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3171	4870	3645	4074
Magnesium	ppm	21	26	20	23
Zinc	ppm	1489	2082	1506	1644
Phosphorus	ppm	1326	1726	1166	1281
Barium	ppm	0	2	0	0
Boron	ppm	100	169	123	131

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: ORAORL
Unique No: 10647699
Signed: Wes Davis
Report Date: 18 Sep 2023



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GRAPHS

