



CONSTRUCTION EQUIPMENT

SPM567082 VOLVO L120H 632941 - FRONT AXLE



Sample No: VCP423194
Oil Type: VOLVO WB 102
Job No: SPM567082



SAMPLE INFORMATION

Sample Number	VCP423194	VCP364811	VCP357534	VCP334791
Sample Date	21 Jun 2023	14 Sep 2022	05 Apr 2022	11 Oct 2021
Machine Hours	2611	2013	1182	525
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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5000 INDUSTRIAL HWY
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F:



OIL CONDITION

Visc @ 40°C	cSt	40.9	39.5	40.4	39.7
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CONTAMINATION

Silicon	ppm	12	20	13	10
Sodium	ppm	4	11	13	7
Potassium	ppm	0	3	0	0



WEAR METALS

Iron	ppm	54	467	125	113
Copper	ppm	2	2	<1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	2	1	1
Chromium	ppm	2	10	3	3
Molybdenum	ppm	2	16	11	7
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	3	16	9	6
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3099	4540	4610	2823
Magnesium	ppm	13	13	16	9
Zinc	ppm	1357	1829	1628	1109
Phosphorus	ppm	1124	1537	1613	632
Barium	ppm	2	0	0	0
Boron	ppm	62	143	138	72

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: VOLVO8885
Unique No: 10548886
Signed: Wes Davis
Report Date: 10 Jul 2023



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GRAPHS

