



CONSTRUCTION EQUIPMENT

555440 VOLVO L120H 632105 - FRONT AXLE



Sample No: VCP393543
Oil Type: VOLVO WB 102
Job No: 555440



SAMPLE INFORMATION

Sample Number	VCP393543	VCP385131	VCP354028	VCP192550
Sample Date	07 Jun 2023	14 Nov 2022	23 Jun 2022	21 Mar 2017
Machine Hours	18030	16686	1020	2180
Oil Hours	8000	8000	1500	0
Oil Changed	Changed	Not Changd	Changed	Changed
Sample Status	SEVERE	SEVERE	NORMAL	NORMAL

OLDCASTLE LAWN AND GARDEN
 2427 RWS RANCH RD
 DAVENPORT, FL
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OIL CONDITION

Visc @ 40°C	cSt	35.6	35.8	39.6	42.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	41	39	12	12
Sodium	ppm	0	5	10	1
Potassium	ppm	3	0	0	0



WEAR METALS

Iron	ppm	2116	1518	221	76
Copper	ppm	6	5	<1	<1
Lead	ppm	<1	1	<1	2
Tin	ppm	0	2	<1	2
Aluminum	ppm	17	16	2	0
Chromium	ppm	23	18	5	2
Molybdenum	ppm	4	3	11	3
Nickel	ppm	19	13	<1	<1
Titanium	ppm	2	2	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	24	17	10	3
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3805	3530	3807	3789
Magnesium	ppm	21	25	12	27
Zinc	ppm	1505	1381	1531	1560
Phosphorus	ppm	1228	1070	1215	1125
Barium	ppm	0	0	0	0
Boron	ppm	131	116	142	113

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: GREDAVFL
Unique No: 10526237
Signed: Don Baldrige
Report Date: 26 Jun 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

