



CONSTRUCTION EQUIPMENT

SWA363603 COASTAL WA VOLVO L120H 632589 - FRONT AXLE



Sample No: VCP433836
Oil Type: VOLVO WB 102
Job No: SWA363603 COASTAL WA



SAMPLE INFORMATION

Sample Number	VCP433836	VCP410074	VCP386085	VCP355656
Sample Date	18 Sep 2023	02 May 2023	13 Jan 2023	07 Oct 2022
Machine Hours	10144	9013	8129	7511
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY

5210 REESE ROAD
 DAVIE, FL
 US 33314

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OIL CONDITION

Visc @ 40°C	cSt	43.2	45.5	50.4	52.3
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CONTAMINATION

Silicon	ppm	17	17	17	17
Sodium	ppm	8	6	3	8
Potassium	ppm	0	1	1	2



WEAR METALS

Iron	ppm	99	53	125	380
Copper	ppm	<1	0	<1	2
Lead	ppm	0	0	<1	3
Tin	ppm	0	<1	0	1
Aluminum	ppm	1	4	2	0
Chromium	ppm	<1	<1	2	6
Molybdenum	ppm	1	1	3	9
Nickel	ppm	0	<1	0	2
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	1	2	7
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	3708	3793	3488	2609
Magnesium	ppm	15	13	11	20
Zinc	ppm	1437	1555	1466	1303
Phosphorus	ppm	1179	1231	1253	1190
Barium	ppm	0	0	1	0
Boron	ppm	128	116	112	41

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: VOLVO0095
Unique No: 10659097
Signed: Wes Davis
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

