



CONSTRUCTION EQUIPMENT

SWA410045-10 VOLVO L120E 632377 - FRONT AXLE



Sample No: VCP434977
Oil Type: VOLVO WB 101
Job No: SWA410045-10



SAMPLE INFORMATION

Sample Number	VCP434977	VCP344462	VCP367991	VCP367852
Sample Date	08 Nov 2023	06 Sep 2023	24 Jan 2023	07 Dec 2022
Machine Hours	10919	10556	9215	9000
Oil Hours	0	0	371	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705
 Contact: MIKE MARTIN
 mike.martin@altaequipment.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.7	43.4	43.4	42.2
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	24	8	12	10
Sodium	ppm	<1	3	6	7
Potassium	ppm	3	0	0	0



WEAR METALS

Iron	ppm	60	9	35	24
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	1	1	1
Chromium	ppm	2	<1	1	<1
Molybdenum	ppm	2	0	<1	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	<1	2	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	5858	3943	4043	4107
Magnesium	ppm	31	15	14	14
Zinc	ppm	2312	1631	1575	1601
Phosphorus	ppm	1869	1345	1251	1255
Barium	ppm	0	0	0	0
Boron	ppm	222	124	142	137

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO5054
Unique No: 10741663
Signed: Don Baldrige
Report Date: 16 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

