



CONSTRUCTION EQUIPMENT

634484 ALTA RENTS VOLVO L70H 623714 - REAR AXLE



Sample No: VCP430595
Oil Type: VOLVO WB 102
Job No: 634484 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP430595	VCP412625	VCP408206	VCP317966
Sample Date	21 Nov 2023	16 Aug 2023	29 Mar 2023	16 Sep 2021
Machine Hours	3717	3333	2744	1251
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	44.1	49.1	48.9	40.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	17	15	13
Sodium	ppm	1	8	6	6
Potassium	ppm	0	<1	<1	<1

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.



WEAR METALS

Iron	ppm	12	72	61	73
Copper	ppm	<1	10	13	25
Lead	ppm	0	0	0	<1
Tin	ppm	0	1	1	2
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	2	2	3
Molybdenum	ppm	0	1	3	4
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	5	4	9
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3868	4510	3666	4094
Magnesium	ppm	18	33	31	12
Zinc	ppm	1660	1918	1538	1650
Phosphorus	ppm	1340	1499	1214	1343
Barium	ppm	0	0	<1	0
Boron	ppm	126	169	125	148

Depot: VOLVO0096
Unique No: 10765314
Signed: Wes Davis
Report Date: 30 Nov 2023



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GRAPHS

