



CONSTRUCTION EQUIPMENT

703568 WASTE CONNECT VOLVO L150H 7103 - FRONT AXLE



Sample No: VCP451290
Oil Type: VOLVO WB 102
Job No: 703568 WASTE CONNECT



SAMPLE INFORMATION

Sample Number	VCP451290	VCP455166	VCP432369	VCP412053
Sample Date	30 Apr 2024	01 Apr 2024	11 Dec 2023	02 Aug 2023
Machine Hours	5041	4802	3794	2574
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
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	45.5	42.9	43.1	43.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	14	18	18
Sodium	ppm	0	<1	1	0
Potassium	ppm	2	2	0	2

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	15	29	56	39
Copper	ppm	1	1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	1	<1	0	0
Aluminum	ppm	<1	2	1	3
Chromium	ppm	<1	1	1	1
Molybdenum	ppm	4	3	1	2
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	2	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3386	3872	4001	4127
Magnesium	ppm	21	26	22	16
Zinc	ppm	1411	1571	1598	1605
Phosphorus	ppm	1205	1281	1298	1317
Barium	ppm	0	0	0	0
Boron	ppm	127	131	128	140

Depot: VOLVO0096
Unique No: 11009491
Signed: Don Baldrige
Report Date: 10 May 2024



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VOLVO GRAPHS

