



CONSTRUCTION EQUIPMENT

699871 WASTE CONN VOLVO L150H 7103 - REAR AXLE



Sample No: VCP438403
Oil Type: VOLVO WB 102
Job No: 699871 WASTE CONN



SAMPLE INFORMATION

Sample Number	VCP438403	VCP431576	VCP412050	VCP369947
Sample Date	01 Apr 2024	11 Dec 2023	02 Aug 2023	02 Dec 2022
Machine Hours	4802	3794	2574	1081
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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	42.7	43.1	42.5	40.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	13	15	13
Sodium	ppm	1	2	0	9
Potassium	ppm	2	0	2	0

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	134	318	318	546
Copper	ppm	1	<1	1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	<1	3	4
Chromium	ppm	2	3	4	7
Molybdenum	ppm	9	6	6	6
Nickel	ppm	<1	<1	<1	2
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	2	5	5	10
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3785	3826	4113	3820
Magnesium	ppm	25	20	16	15
Zinc	ppm	1544	1555	1580	1427
Phosphorus	ppm	1266	1294	1322	1192
Barium	ppm	0	0	0	0
Boron	ppm	131	126	142	122

Depot: VOLVO0096
Unique No: 10963673
Signed: Wes Davis
Report Date: 05 Apr 2024



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VOLVO GRAPHS

