



CONSTRUCTION EQUIPMENT

699871 WASTE CONN VOLVO L150H 7103 - FRONT AXLE



Sample No: VCP455166
Oil Type: VOLVO WB 102
Job No: 699871 WASTE CONN



SAMPLE INFORMATION

Sample Number	VCP455166	VCP432369	VCP412053	VCP369943
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	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	42.9	43.1	43.0	40.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	18	18	15
Sodium	ppm	<1	1	0	10
Potassium	ppm	2	0	2	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	29	56	39	64
Copper	ppm	1	<1	<1	1
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	1	3	1
Chromium	ppm	1	1	1	4
Molybdenum	ppm	3	1	2	7
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	2	1	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3872	4001	4127	4009
Magnesium	ppm	26	22	16	16
Zinc	ppm	1571	1598	1605	1488
Phosphorus	ppm	1281	1298	1317	1251
Barium	ppm	0	0	0	0
Boron	ppm	131	128	140	133

Depot: VOLVO0096
Unique No: 10963675
Signed: Wes Davis
Report Date: 05 Apr 2024

VOLVO GRAPHS

