



CONSTRUCTION EQUIPMENT

WASTE CONNECTION VOLVO L150H 7103 - FRONT AXLE



Sample No: VCP432369
Oil Type: VOLVO WB 102
Job No: WASTE CONNECTION



SAMPLE INFORMATION

Sample Number	VCP432369	VCP412053	VCP369943	VCP370742
Sample Date	11 Dec 2023	02 Aug 2023	02 Dec 2022	28 Oct 2022
Machine Hours	3794	2574	1081	884
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.1	43.0	40.6	40.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	18	15	10
Sodium	ppm	1	0	10	10
Potassium	ppm	0	2	1	11

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	56	39	64	48
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	3	1	0
Chromium	ppm	1	1	4	2
Molybdenum	ppm	1	2	7	4
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	<1	0	2
Manganese	ppm	2	1	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4001	4127	4009	2245
Magnesium	ppm	22	16	16	15
Zinc	ppm	1598	1605	1488	1019
Phosphorus	ppm	1298	1317	1251	842
Barium	ppm	0	0	0	0
Boron	ppm	128	140	133	97

Depot: VOLVO0096
Unique No: 10793419
Signed: Wes Davis
Report Date: 19 Dec 2023



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VOLVO GRAPHS

