



CONSTRUCTION EQUIPMENT

VOLVO L150H 6989 - FRONT AXLE



Sample No: VCP436468
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436468	VCP432598	VCP407071	VCP411568
Sample Date	09 May 2024	22 Feb 2024	15 Dec 2023	02 Oct 2023
Machine Hours	7072	6479	5961	5387
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: TAVINS BANKS
 tavins@citycart.net
 T: (203)223-3885
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.3	44.9	44.3	56.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	15	14	14
Sodium	ppm	2	3	2	3
Potassium	ppm	0	0	<1	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	22	19	23	43
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	2	1	0
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	<1	0	0	2
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	<1	3
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3730	3693	4007	3236
Magnesium	ppm	0	17	21	11
Zinc	ppm	1477	1541	1669	1324
Phosphorus	ppm	1264	1278	1397	1198
Barium	ppm	0	0	0	1
Boron	ppm	127	120	125	124

Depot: CITMILCON
Unique No: 11034541
Signed: Wes Davis
Report Date: 20 May 2024



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GRAPHS

