



CONSTRUCTION EQUIPMENT

VOLVO L110H 05632247 - FRONT AXLE



Sample No: VCP438680
Oil Type: VALVOLINE ALLFLEET 10W
Job No:



SAMPLE INFORMATION

Sample Number	VCP438680	VCP407353	VCP407140	VCP407666
Sample Date	12 Feb 2024	16 Oct 2023	09 Aug 2023	17 May 2023
Machine Hours	0	5396	4793	4033
Oil Hours	0	0	0	947
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: JOHN LINARES
 jlinares@win-waste.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	46.9	42.8	42.6	42.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	14	13	12
Sodium	ppm	0	2	<1	2
Potassium	ppm	2	0	0	2

Diagnosis
 Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	37	77	66	53
Copper	ppm	<1	<1	0	0
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	2	1	<1	1
Chromium	ppm	<1	2	1	2
Molybdenum	ppm	<1	<1	2	3
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	3	2	2
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3768	4037	4110	4307
Magnesium	ppm	20	18	19	27
Zinc	ppm	1594	1663	1677	1713
Phosphorus	ppm	1280	1309	1284	1305
Barium	ppm	10	0	0	0
Boron	ppm	121	136	144	130

Depot: CITMILCON
Unique No: 1088652
Signed: Sean Felton
Report Date: 21 Feb 2024



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GRAPHS

