



CONSTRUCTION EQUIPMENT

A11383 VOLVO L120F 66670 - FRONT AXLE



Sample No: VCP430938
Oil Type: MOBIL WB 102
Job No: A11383



SAMPLE INFORMATION

Sample Number	VCP430938	VCP405844	VCP315201	VCP265214
Sample Date	30 Oct 2023	13 Apr 2023	24 Mar 2021	27 May 2020
Machine Hours	11170	10550	9240	8485
Oil Hours	1000	500	1000	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

JAMES J ANDERSON
 6958 TORRESDALE AVENUE
 PHILADELPHIA, PA
 US 19135
 Contact: JOHN HERBUT
 herb@jjaconstruction.com
 T: (215)850-9051
 F: (215)427-0208



OIL CONDITION

Visc @ 40°C	cSt	40.1	39.9	40.3	40.8
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	9	12	9	11
Sodium	ppm	3	4	3	3
Potassium	ppm	0	0	0	<1



WEAR METALS

Iron	ppm	34	36	20	14
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	2	3	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3615	3825	3783	3443
Magnesium	ppm	43	35	32	27
Zinc	ppm	1544	1581	1599	1349
Phosphorus	ppm	1232	1269	1301	1157
Barium	ppm	<1	0	0	0
Boron	ppm	128	139	137	113

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.

Depot: JAAPHI
Unique No: 10738472
Signed: Wes Davis
Report Date: 13 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

