



CONSTRUCTION EQUIPMENT

A12121 VOLVO L120H 633139 - FRONT AXLE



Sample No: VCP440433
Oil Type: MOBIL WB 102
Job No: A12121



SAMPLE INFORMATION

Sample Number	VCP440433	VCP416826	VCP393376	VCP388810
Sample Date	14 Feb 2024	22 Aug 2023	04 Apr 2023	26 Oct 2022
Machine Hours	4430	3210	2260	1150
Oil Hours	2000	1000	1260	1150
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GOURMETS DELIGHT

PO BOX 160
 AVONDALE, PA
 US 19311
 Contact: GABE VALENTINO
 gabe.valentino@gourmetsfinest.com
 T: (610)268-3578
 F: (610)268-2298

OIL CONDITION

Visc @ 40°C	cSt	43.8	44.5	42.5	40.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	11	14	18
Sodium	ppm	<1	<1	2	7
Potassium	ppm	0	1	0	3

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	51	34	67	197
Copper	ppm	<1	0	<1	1
Lead	ppm	<1	<1	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	1	2
Chromium	ppm	1	<1	2	5
Molybdenum	ppm	5	5	3	14
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	3	10
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	2960	3109	4258	4060
Magnesium	ppm	34	45	29	11
Zinc	ppm	1231	1293	1650	1645
Phosphorus	ppm	993	1030	1351	1311
Barium	ppm	0	0	0	2
Boron	ppm	95	121	138	133

Depot: GOUAVO
Unique No: 10890149
Signed: Wes Davis
Report Date: 23 Feb 2024



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GRAPHS

