



CONSTRUCTION EQUIPMENT

A12303 VOLVO L120H 633047 - FRONT AXLE



Sample No: VCP446073
Oil Type: MOBIL WB 102
Job No: A12303



SAMPLE INFORMATION

Sample Number	VCP446073	VCP434313	VCP400284	VCP372040
Sample Date	18 Mar 2024	01 Nov 2023	11 Jan 2023	22 Jun 2022
Machine Hours	4500	3400	2042	1061
Oil Hours	2000	1000	1000	0
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	43.5	44.3	42.3	40.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	11	16	15
Sodium	ppm	<1	<1	6	10
Potassium	ppm	5	<1	0	0

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	73	40	96	250
Copper	ppm	<1	0	<1	1
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	1	1	2
Chromium	ppm	2	<1	2	6
Molybdenum	ppm	7	5	4	15
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	1	1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	1	5	13
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3937	3776	4545	4030
Magnesium	ppm	48	0	31	13
Zinc	ppm	1598	1683	1649	1623
Phosphorus	ppm	1191	1224	1378	1330
Barium	ppm	0	0	0	<1
Boron	ppm	118	122	140	128

Depot: GOUAVO
Unique No: 10938171
Signed: Wes Davis
Report Date: 21 Mar 2024



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GRAPHS

