



CONSTRUCTION EQUIPMENT

A12303 VOLVO L120H 633047 - REAR AXLE



Sample No: VCP446016
Oil Type: MOBIL WB 102
Job No: A12303



SAMPLE INFORMATION

Sample Number	VCP446016	VCP434148	VCP400285	VCP372043
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	44.4	45.8	42.1	40.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	11	13	16
Sodium	ppm	0	2	7	10
Potassium	ppm	2	0	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	70	39	64	228
Copper	ppm	<1	0	<1	<1
Lead	ppm	<1	0	1	<1
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	0	<1	2
Chromium	ppm	2	0	2	6
Molybdenum	ppm	5	2	3	12
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	1	0	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	2	0	3	11
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3882	3556	4642	3945
Magnesium	ppm	54	55	45	13
Zinc	ppm	1556	1486	1779	1588
Phosphorus	ppm	1141	1258	1426	1312
Barium	ppm	0	0	0	<1
Boron	ppm	115	130	142	131

Depot: GOUAVO
Unique No: 10938170
Signed: Wes Davis
Report Date: 21 Mar 2024



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GRAPHS

