



CONSTRUCTION EQUIPMENT

LKQ MLF-MAR14-018 VOLVO L70G 614241 - REAR AXLE



Sample No: VCP450474
Oil Type: VOLVO WB 102
Job No: MLF-MAR14-018



SAMPLE INFORMATION

Sample Number	VCP450474	VCP392032	VCP263069	VCE249098
Sample Date	21 Mar 2024	10 Jan 2024	16 Apr 2020	22 Mar 2018
Machine Hours	16840	16437	10469	6299
Oil Hours	0	0	0	2000
Oil Changed	Not Chngd	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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 CA L7L 4Y1

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OIL CONDITION

Visc @ 40°C	cSt	43.1	42.4	39.0	40.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	22	14	12
Sodium	ppm	<1	2	5	2
Potassium	ppm	<1	2	1	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	15	50	28	19
Copper	ppm	<1	4	4	16
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	<1	1
Aluminum	ppm	1	4	2	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4171	4212	4252	4143
Magnesium	ppm	15	17	13	12
Zinc	ppm	1605	1605	1728	1659
Phosphorus	ppm	1279	1324	1373	1321
Barium	ppm	0	0	0	0
Boron	ppm	119	120	125	124

Depot: VOLVO0252
Unique No: 5750147
Signed: Wes Davis
Report Date: 27 Mar 2024



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VOLVO GRAPHS

