



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP MLF-MAR14-022 VOLVO L220H 2461 - REAR AXLE



Sample No: VCP450473
Oil Type: VOLVO WB 102
Job No: MLF-MAR14-022



SAMPLE INFORMATION

Sample Number	VCP450473	VCP392074	VCP380067	VCP334195
Sample Date	20 Mar 2024	08 Feb 2024	04 Dec 2023	19 Jul 2023
Machine Hours	25254	24447	23552	22253
Oil Hours	1000	6000	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
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OIL CONDITION

Visc @ 40°C	cSt	42.7	43.5	41.9	43.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	9	11	10
Sodium	ppm	<1	<1	<1	3
Potassium	ppm	0	<1	0	1

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	13	46	42	79
Copper	ppm	<1	1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	1	1
Chromium	ppm	0	1	<1	2
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4120	2398	3044	3227
Magnesium	ppm	16	15	19	21
Zinc	ppm	1545	1099	1314	1351
Phosphorus	ppm	1289	943	1038	1154
Barium	ppm	0	0	<1	0
Boron	ppm	118	68	89	99

Depot: VOLVO0252
Unique No: 5748951
Signed: Wes Davis
Report Date: 21 Mar 2024



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VOLVO GRAPHS

