



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 392280 VOLVO L220H 2461 - REAR AXLE



Sample No: VCP392074
Oil Type: VOLVO WB 102
Job No: 392280



SAMPLE INFORMATION

Sample Number	VCP392074	VCP380067	VCP334195	VCP273171
Sample Date	08 Feb 2024	04 Dec 2023	19 Jul 2023	03 Sep 2020
Machine Hours	24447	23552	22253	14469
Oil Hours	6000	0	0	2000
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
Burlington, ON
CA L7L 4Y1

Contact: Sue Hooton
shooton@strongco.com
T: (905)331-3835
F: (905)643-6077



OIL CONDITION

Visc @ 40°C	cSt	43.5	41.9	43.8	40.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	11	10	11
Sodium	ppm	<1	<1	3	2
Potassium	ppm	<1	0	1	<1



WEAR METALS

Iron	ppm	46	42	79	85
Copper	ppm	1	<1	<1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	<1
Chromium	ppm	1	<1	2	1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	2398	3044	3227	3974
Magnesium	ppm	15	19	21	12
Zinc	ppm	1099	1314	1351	1657
Phosphorus	ppm	943	1038	1154	1350
Barium	ppm	0	<1	0	0
Boron	ppm	68	89	99	115

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as VOLVO WB 102, however, a fluid match indicates that this fluid is SAE 10W Transmission/Drive Train Oil. Please confirm the oil type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0252
Unique No: 5724234
Signed: Kevin Marson
Report Date: 14 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

