



CONSTRUCTION EQUIPMENT

TRIPLE M 37073 VOLVO L220H 2461 - REAR AXLE



Sample No: VCP334195
Oil Type: VOLVO WB 102
Job No: 370703



SAMPLE INFORMATION

Sample Number	VCP334195	VCP273171	VCE175559	VCE243672
Sample Date	19 Jul 2023	03 Sep 2020	12 Jul 2019	12 Mar 2018
Machine Hours	22253	14469	10718	4800
Oil Hours	0	2000	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	43.8	40.4	40.7	40.5
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CONTAMINATION

Silicon	ppm	10	11	12	11
Sodium	ppm	3	2	4	2
Potassium	ppm	1	<1	1	0



WEAR METALS

Iron	ppm	79	85	82	197
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	2	1	1	3
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	1	3
Vanadium	ppm	0	<1	0	<1



ADDITIVES

Calcium	ppm	3227	3974	4102	3960
Magnesium	ppm	21	12	12	11
Zinc	ppm	1351	1657	1682	1566
Phosphorus	ppm	1154	1350	1317	1290
Barium	ppm	0	0	0	0
Boron	ppm	99	115	121	111

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.

Depot: VOLVO0252
Unique No: 5616573
Signed: Wes Davis
Report Date: 21 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

