



CONSTRUCTION EQUIPMENT

WO7013061 VOLVO L90E 67920 - REAR AXLE



Sample No: VCP409410
Oil Type: VOLVO WB 102
Job No: WO7013061



SAMPLE INFORMATION

Sample Number	VCP409410	VCP409412	VCP321336	VCP223737
Sample Date	31 Jul 2023	31 Jul 2023	03 Aug 2021	18 Jul 2018
Machine Hours	6146	6146	4732	2253
Oil Hours	2000	2000	0	0
Oil Changed	Not Chngd	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
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OIL CONDITION

Visc @ 40°C	cSt	42.5	42.2	44.7	41.00
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CONTAMINATION

Silicon	ppm	9	12	10	12
Sodium	ppm	7	8	0	1
Potassium	ppm	<1	<1	<1	2



WEAR METALS

Iron	ppm	20	12	21	30
Copper	ppm	0	<1	4	25
Lead	ppm	<1	1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3154	3975	4322	4080
Magnesium	ppm	9	14	11	11
Zinc	ppm	1372	1617	1604	1689
Phosphorus	ppm	1070	1254	1358	1341
Barium	ppm	0	0	0	<1
Boron	ppm	119	144	167	118

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: VOLVO8882
Unique No: 10604471
Signed: Sean Felton
Report Date: 15 Aug 2023



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VOLVO GRAPHS

