



CONSTRUCTION EQUIPMENT

395451-10 VOLVO L90G 617213 - FRONT AXLE



Sample No: VCP441763
Oil Type: VOLVO WB 102
Job No: 395451-10



SAMPLE INFORMATION

Sample Number	VCP441763	VCP323025	VCP303750	VCP269217
Sample Date	27 Oct 2023	18 Oct 2021	14 Jun 2021	10 Aug 2020
Machine Hours	12029	11096	10532	10005
Oil Hours	0	0	3000	2000
Oil Changed	N/A	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - ROCK TAVERN
 39 STONE CASTLE RD
 ROCK TAVERN, NY
 US 12575
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	42.8	42.4	40.9	43.0
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T:
F:

CONTAMINATION

Silicon	ppm	14	14	11	25
Sodium	ppm	2	2	<1	0
Potassium	ppm	0	0	0	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	41	75	81	233
Copper	ppm	0	<1	<1	0
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	<1	1	2	4
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	5
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3779	4004	4020	5000
Magnesium	ppm	16	9	14	26
Zinc	ppm	1371	1735	1567	1970
Phosphorus	ppm	1046	1318	1310	1351
Barium	ppm	0	0	0	0
Boron	ppm	154	119	134	222

Depot: INSROC
Unique No: 10725880
Signed: Wes Davis
Report Date: 03 Nov 2023



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VOLVO GRAPHS

