



CONSTRUCTION EQUIPMENT

VOLVO L90H 625028 - REAR AXLE



Sample No: VCP440746
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP440746	VCP421830	VCP418495	VCP410367
Sample Date	18 Oct 2023	03 Aug 2023	28 Jun 2023	18 May 2023
Machine Hours	8015	7570	7360	5956
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - CLAYTON
 60 SADISCO RD
 CLAYTON, NC
 US 27520
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	42.8	42.9	41.6	39.7
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T:
F:



CONTAMINATION

Silicon	ppm	14	14	10	12
Sodium	ppm	3	3	8	9
Potassium	ppm	0	0	1	2

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	30	31	82	121
Copper	ppm	6	4	15	2
Lead	ppm	<1	<1	4	1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	1	2	2	1
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	0	<1	<1	2
Nickel	ppm	0	0	<1	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3821	4431	3752	4041
Magnesium	ppm	14	17	17	24
Zinc	ppm	1573	1737	1619	1668
Phosphorus	ppm	1245	1398	1353	1298
Barium	ppm	0	0	0	0
Boron	ppm	128	164	123	124

Depot: INSCLA
Unique No: 10712159
Signed: Wes Davis
Report Date: 26 Oct 2023



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VOLVO GRAPHS

