



CONSTRUCTION EQUIPMENT

VOLVO L90H 625028 - FRONT AXLE



Sample No: VCP441267
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP441267	VCP421844	VCP418490	VCP418975
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	42.6	42.9	41.4	41.7
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T:
F:



CONTAMINATION

Silicon	ppm	12	13	11	8
Sodium	ppm	3	3	8	6
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	26	29	87	37
Copper	ppm	3	2	7	<1
Lead	ppm	<1	<1	1	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	1	2	2	<1
Chromium	ppm	<1	<1	2	2
Molybdenum	ppm	0	<1	2	2
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	3	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3857	4268	4045	1734
Magnesium	ppm	13	15	18	22
Zinc	ppm	1601	1669	1675	942
Phosphorus	ppm	1279	1327	1361	708
Barium	ppm	0	0	0	0
Boron	ppm	129	155	134	49

Depot: INSCLA
Unique No: 10712157
Signed: Wes Davis
Report Date: 26 Oct 2023



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VOLVO GRAPHS

