



CONSTRUCTION EQUIPMENT

19113 VOLVO L90H 625028 - FRONT AXLE



Sample No: VCP418490
Oil Type: VOLVO WB 102
Job No: 19113



SAMPLE INFORMATION

Sample Number	VCP418490	VCP418975	VCP403759	VCP366535
Sample Date	28 Jun 2023	18 May 2023	28 Feb 2023	19 Sep 2022
Machine Hours	7360	5956	6692	6050
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
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	41.4	41.7	41.8	41.8
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T:
F:



CONTAMINATION

Silicon	ppm	11	8	11	12
Sodium	ppm	8	6	8	7
Potassium	ppm	<1	2	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	87	37	73	38
Copper	ppm	7	<1	7	7
Lead	ppm	1	<1	<1	3
Tin	ppm	0	<1	0	2
Aluminum	ppm	2	<1	1	2
Chromium	ppm	2	2	2	<1
Molybdenum	ppm	2	2	2	3
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	3	2	4	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4045	1734	3851	3631
Magnesium	ppm	18	22	21	11
Zinc	ppm	1675	942	1460	1413
Phosphorus	ppm	1361	708	1191	1202
Barium	ppm	0	0	0	0
Boron	ppm	134	49	131	121

Depot: INSCLA
Unique No: 10587595
Signed: Doug Bogart
Report Date: 06 Aug 2023



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VOLVO GRAPHS

