



CONSTRUCTION EQUIPMENT

19114 VOLVO L90H 624539 - REAR AXLE



Sample No: VCP425387
Oil Type: VOLVO WB 102
Job No: 19114



SAMPLE INFORMATION

Sample Number	VCP425387	VCP403817	VCP378311	VCP329583
Sample Date	06 Jul 2023	28 Feb 2023	27 May 2022	15 Mar 2022
Machine Hours	8365	7761	6558	6012
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	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	42.5	43.0	42.3	41.4
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T:
F:



CONTAMINATION

Silicon	ppm	17	15	15	11
Sodium	ppm	3	4	4	7
Potassium	ppm	0	0	0	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	70	57	27	44
Copper	ppm	<1	2	1	5
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	1	2	2
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	2	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4015	4030	3866	3718
Magnesium	ppm	15	23	16	13
Zinc	ppm	1684	1494	1547	1642
Phosphorus	ppm	1326	1192	1233	1415
Barium	ppm	0	0	0	0
Boron	ppm	138	141	142	114

Depot: INSCLA
Unique No: 10552836
Signed: Don Baldrige
Report Date: 14 Jul 2023



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VOLVO GRAPHS

