



CONSTRUCTION EQUIPMENT

A12509 VOLVO L90G 617604 - REAR AXLE



Sample No: VCP449560
Oil Type: MOBIL WB 102
Job No: A12509



SAMPLE INFORMATION

Sample Number	VCP449560	VCP367448	VCP335568	VCP310367
Sample Date	26 Apr 2024	15 Nov 2022	13 Nov 2021	06 Aug 2021
Machine Hours	12265	10050	8575	8090
Oil Hours	2000	2000	2000	1500
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - BRIDGEPORT
 396 E SCHUYLKILL RIVER RD
 BRIDGEPORT, PA
 US 19405
 Contact: DOUG



OIL CONDITION

Visc @ 40°C	cSt	45.2	42.8	41.8	40.4

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	12	13	11
Sodium	ppm	0	6	3	3
Potassium	ppm	2	0	2	<1

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	31	38	90	60
Copper	ppm	3	2	12	12
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	<1	2	2
Aluminum	ppm	2	2	2	0
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	3	<1	2	2
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	<1	0
Silver	ppm	<1	0	<1	<1
Manganese	ppm	<1	<1	2	1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	2920	3680	4051	4006
Magnesium	ppm	40	33	26	23
Zinc	ppm	1363	1552	1509	1556
Phosphorus	ppm	1245	1179	1341	1300
Barium	ppm	0	0	0	0
Boron	ppm	96	122	132	158

Depot: IAABRI
Unique No: 11033066
Signed: Wes Davis
Report Date: 17 May 2024



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VOLVO GRAPHS

