



CONSTRUCTION EQUIPMENT

9594 VOLVO L90G 3163 - REAR AXLE



Sample No: VCP416475
Oil Type: VOLVO WB 102
Job No: 9594



SAMPLE INFORMATION

Sample Number	VCP416475	VCP360398	VCP237740	VCP190179
Sample Date	15 Sep 2023	20 May 2022	14 Mar 2019	24 May 2018
Machine Hours	16208	14701	12114	10637
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - BALTIMORE
 3131 HAWKINS POINT RD
 BALTIMORE, MD
 US 21226
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	43.2	42.4	49.08	42.82
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T:
F:



CONTAMINATION

Silicon	ppm	33	8	10	11
Sodium	ppm	5	1	1	1
Potassium	ppm	1	0	1	<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	44	18	25	53
Copper	ppm	2	7	3	6
Lead	ppm	<1	0	2	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	3	<1	0	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	1	0	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3777	2981	3952	3954
Magnesium	ppm	63	20	9	13
Zinc	ppm	1552	1291	1588	1521
Phosphorus	ppm	1267	1118	1110	1155
Barium	ppm	0	0	0	0
Boron	ppm	157	107	110	108

Depot: IAABAL
Unique No: 10657934
Signed: Wes Davis
Report Date: 21 Sep 2023



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VOLVO GRAPHS

