



CONSTRUCTION EQUIPMENT

VOLVO L110H 631239 - REAR AXLE



Sample No: VCP415945
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415945	VCP390708	VCP342823	VCP320510
Sample Date	27 Jun 2023	25 Oct 2022	18 Nov 2021	07 Oct 2021
Machine Hours	9267	8302	7089	6658
Oil Hours	0	2000	1500	1500
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
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OIL CONDITION

Visc @ 40°C	cSt	41.5	42.4	40.0	38.5
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CONTAMINATION

Silicon	ppm	14	14	18	17
Sodium	ppm	<1	10	8	9
Potassium	ppm	0	0	<1	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	33	31	188	59
Copper	ppm	0	<1	10	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	1	0
Aluminum	ppm	3	1	1	1
Chromium	ppm	<1	<1	6	1
Molybdenum	ppm	<1	1	5	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	7	1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3294	4017	3702	4445
Magnesium	ppm	11	19	12	12
Zinc	ppm	1480	1501	1403	1665
Phosphorus	ppm	1193	1234	1195	1330
Barium	ppm	0	0	0	0
Boron	ppm	25	151	129	122

Depot: RIPTAM
Unique No: 10552324
Signed: Wes Davis
Report Date: 13 Jul 2023



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VOLVO GRAPHS

