



CONSTRUCTION EQUIPMENT

302922 VOLVO L90H 624904 - REAR AXLE



Sample No: VCP417404
Oil Type: VOLVO WB 102
Job No: 302922



SAMPLE INFORMATION

Sample Number	VCP417404	VCP403686	VCP404811	VCP389625
Sample Date	06 Jul 2023	16 Mar 2023	19 Dec 2022	08 Oct 2022
Machine Hours	6313	6080	5520	5028
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COVANTA LAKES
 3830 ROGERS INDUSTRIAL PARK ROAD
 OKAHUMPKA, FL
 US 32762
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	43.4	43.1	43.1	43.4
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T:
F:



CONTAMINATION

Silicon	ppm	13	14	15	13
Sodium	ppm	<1	2	2	2
Potassium	ppm	0	0	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	66	139	97	53
Copper	ppm	2	3	2	2
Lead	ppm	0	0	1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	2	2	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	6	6	3	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	1	2	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4031	3711	4249	3831
Magnesium	ppm	18	20	27	20
Zinc	ppm	1651	1447	1708	1516
Phosphorus	ppm	1330	1152	1301	1219
Barium	ppm	0	0	0	0
Boron	ppm	132	119	146	133

Depot: COVOKA
Unique No: 10551206
Signed: Wes Davis
Report Date: 12 Jul 2023



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VOLVO GRAPHS

