



CONSTRUCTION EQUIPMENT

600105 CRC VOLVO L120H 632093 - REAR AXLE



Sample No: VCP346239
Oil Type: VOLVO WB 102
Job No: 600105 CRC



SAMPLE INFORMATION

Sample Number	VCP346239	VCP362554	VCP344832	VCP256064
Sample Date	31 Mar 2023	11 Oct 2022	18 Apr 2022	22 Sep 2021
Machine Hours	0	16539	15363	13474
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PACWEST MACHINERY
 8207 SOUTH 216TH STREET
 KENT, WA
 US 98032
 Contact: DAN SLAGLE
 dslagle@pacwestmachinery.com
 T: (206)482-4179
 F: (509)534-5286



OIL CONDITION

Visc @ 40°C	cSt	39.5	39.7	40.1	44.6
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	11	9	13	13
Sodium	ppm	7	4	5	5
Potassium	ppm	2	2	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	72	50	183	162
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	1	2
Chromium	ppm	<1	<1	2	2
Molybdenum	ppm	14	13	52	15
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3902	4067	4181	4545
Magnesium	ppm	12	11	14	16
Zinc	ppm	1576	1677	1733	1702
Phosphorus	ppm	1272	1357	1382	1475
Barium	ppm	2	0	0	0
Boron	ppm	135	123	142	156

Depot: VOLVO1271
Unique No: 10662064
Signed: Wes Davis
Report Date: 27 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

