



CONSTRUCTION EQUIPMENT

SPM567082 VOLVO L120H 632941 - REAR AXLE



Sample No: VCP423193
Oil Type: VOLVO WB 102
Job No: SPM567082



SAMPLE INFORMATION

Sample Number	VCP423193	VCP364808	VCP358497	VCP309762
Sample Date	21 Jun 2023	14 Sep 2022	05 Apr 2022	11 Oct 2021
Machine Hours	2611	2013	1182	525
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	40.9	40.0	40.0	40.7
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CONTAMINATION

Silicon	ppm	9	22	18	15
Sodium	ppm	3	11	13	11
Potassium	ppm	0	2	0	0



WEAR METALS

Iron	ppm	33	463	383	170
Copper	ppm	<1	1	1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	3	2	1
Chromium	ppm	<1	9	8	4
Molybdenum	ppm	<1	14	14	8
Nickel	ppm	0	0	1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	16	13	9
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3057	4421	4840	4150
Magnesium	ppm	13	14	18	10
Zinc	ppm	1363	1796	1703	1570
Phosphorus	ppm	1123	1494	1638	1166
Barium	ppm	0	0	0	0
Boron	ppm	47	138	144	107

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.

Depot: VOLVO8885
Unique No: 10548880
Signed: Wes Davis
Report Date: 10 Jul 2023



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GRAPHS

