



CONSTRUCTION EQUIPMENT

386311 VOLVO L120H 632081 - REAR AXLE



Sample No: VCP394662
Oil Type: VOLVO WB 102
Job No: 386311



SAMPLE INFORMATION

Sample Number	VCP394662	VCP331797	VCP347412	VCP334116
Sample Date	08 Dec 2023	12 Aug 2022	16 May 2022	17 Jan 2022
Machine Hours	33496	26239	24847	23116
Oil Hours	2000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	47.3	55.7	50.4	50.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	21	18	16
Sodium	ppm	1	<1	7	8
Potassium	ppm	0	1	0	<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	23	24	17	20
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	2	1	1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3808	4009	3593	3606
Magnesium	ppm	16	16	19	17
Zinc	ppm	1455	1500	1449	1410
Phosphorus	ppm	1172	1199	1245	1182
Barium	ppm	<1	0	0	0
Boron	ppm	111	110	108	108

Depot: VOLVO9652
Unique No: 5696006
Signed: Wes Davis
Report Date: 13 Dec 2023



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GRAPHS

