



CONSTRUCTION EQUIPMENT

386311 VOLVO L120H 632081 - FRONT AXLE



Sample No: VCP394654
Oil Type: VOLVO WB 102
Job No: 386311



SAMPLE INFORMATION

Sample Number	VCP394654	VCP331777	VCP347410	VCP334117
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)
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 RED DEER COUNTY, AB
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OIL CONDITION

Visc @ 40°C	cSt	47.7	49.8	50.9	50.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	16	16	16
Sodium	ppm	2	1	6	9
Potassium	ppm	0	0	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	18	11	14	24
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	1	1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	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	3797	3917	3668	3517
Magnesium	ppm	16	16	18	15
Zinc	ppm	1461	1479	1479	1385
Phosphorus	ppm	1181	1193	1239	1167
Barium	ppm	<1	0	0	0
Boron	ppm	112	109	107	108

Depot: VOLVO9652
Unique No: 5696002
Signed: Wes Davis
Report Date: 13 Dec 2023



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VOLVO GRAPHS

