



CONSTRUCTION EQUIPMENT

405622 VOLVO L120H 632718 - REAR AXLE



Sample No: VCP381911
Oil Type: VOLVO WB 102
Job No: 405622



SAMPLE INFORMATION

Sample Number	VCP381911	VCP394283	VCP391974	VCP331778
Sample Date	30 May 2024	27 Sep 2023	24 Apr 2023	31 Aug 2022
Machine Hours	14423	10000	8229	4837
Oil Hours	2000	2000	0	2837
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
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 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	47.2	49.3	48.5	50.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	20	17	15
Sodium	ppm	<1	1	1	9
Potassium	ppm	<1	<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	37	33	34	50
Copper	ppm	<1	<1	0	0
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	1	1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3616	3746	3917	3700
Magnesium	ppm	17	27	16	17
Zinc	ppm	1401	1490	1476	1376
Phosphorus	ppm	1152	1198	1271	1105
Barium	ppm	0	<1	0	0
Boron	ppm	116	108	110	103

Depot: VOLVO9652
Unique No: 5788614
Signed: Wes Davis
Report Date: 03 Jun 2024



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VOLVO GRAPHS

