



CONSTRUCTION EQUIPMENT

401992 VOLVO L120H 632927 - REAR AXLE



Sample No: VCP381907
Oil Type: VOLVO WB 102
Job No: 401992



SAMPLE INFORMATION

Sample Number	VCP381907	VCP391824	VCP352953	VCP331771
Sample Date	17 May 2024	18 Oct 2023	07 Dec 2022	26 Aug 2022
Machine Hours	8535	6487	4258	3187
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	42.7	43.8	52.1	51.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	14	16	16
Sodium	ppm	<1	1	4	8
Potassium	ppm	<1	<1	0	0

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	24	35	34	104
Copper	ppm	0	<1	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	1
Chromium	ppm	0	<1	<1	2
Molybdenum	ppm	0	0	<1	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4095	4235	3831	3880
Magnesium	ppm	15	16	16	18
Zinc	ppm	1644	1612	1431	1480
Phosphorus	ppm	1335	1320	1212	1199
Barium	ppm	0	<1	0	0
Boron	ppm	119	123	107	111

Depot: VOLVO9652
Unique No: 5786123
Signed: Wes Davis
Report Date: 22 May 2024



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GRAPHS

