



CONSTRUCTION EQUIPMENT

356435 VOLVO L120H 632068 - FRONT AXLE



Sample No: VCP353120
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 356435



SAMPLE INFORMATION

Sample Number	VCP353120	VCP349617	VCP332652	VCP333896
Sample Date	08 Mar 2023	13 Sep 2022	18 Feb 2022	10 Dec 2021
Machine Hours	29862	27664	24222	23036
Oil Hours	0	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
 Contact: Perry Doyle
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OIL CONDITION

Visc @ 40°C	cSt	47.5	49.7	50.9	50.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	14	16	15
Sodium	ppm	<1	6	8	8
Potassium	ppm	0	0	<1	<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	7	18	14	21
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3596	3927	3601	3612
Magnesium	ppm	12	19	17	18
Zinc	ppm	1439	1476	1465	1429
Phosphorus	ppm	1301	1283	1184	1182
Barium	ppm	0	0	0	0
Boron	ppm	98	114	107	109

Depot: VOLVO9652
Unique No: 5542211
Signed: Wes Davis
Report Date: 14 Mar 2023



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GRAPHS

