



CONSTRUCTION EQUIPMENT

379820 VOLVO L120H 632718 - REAR AXLE



Sample No: VCP394283
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 379820



SAMPLE INFORMATION

Sample Number	VCP394283	VCP391974	VCP331778	VCP334363
Sample Date	27 Sep 2023	24 Apr 2023	31 Aug 2022	06 Nov 2021
Machine Hours	10000	8229	4837	1977
Oil Hours	2000	0	2837	2000
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	49.3	48.5	50.1	50.6
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CONTAMINATION

Silicon	ppm	20	17	15	18
Sodium	ppm	1	1	9	9
Potassium	ppm	<1	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	33	34	50	89
Copper	ppm	<1	0	0	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	1	1
Chromium	ppm	<1	<1	1	2
Molybdenum	ppm	0	<1	<1	3
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3746	3917	3700	3874
Magnesium	ppm	27	16	17	18
Zinc	ppm	1490	1476	1376	1547
Phosphorus	ppm	1198	1271	1105	1297
Barium	ppm	<1	0	0	0
Boron	ppm	108	110	103	116

Depot: VOLVO9652
Unique No: 5655221
Signed: Wes Davis
Report Date: 02 Oct 2023



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VOLVO GRAPHS

