



CONSTRUCTION EQUIPMENT

374734 VOLVO L70G 614584 - REAR AXLE



Sample No: VCP394702
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 374734



SAMPLE INFORMATION

Sample Number	VCP394702	VCP332783	VCP273349	VCP233279
Sample Date	11 Aug 2023	23 Mar 2022	02 Nov 2020	10 Apr 2019
Machine Hours	10885	8448	6485	4688
Oil Hours	0	2000	2000	1000
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	48.9	48.8	49.8
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CONTAMINATION

Silicon	ppm	34	31	13	17
Sodium	ppm	9	8	4	2
Potassium	ppm	2	2	<1	<1



WEAR METALS

Iron	ppm	137	195	73	116
Copper	ppm	40	27	4	3
Lead	ppm	1	<1	0	<1
Tin	ppm	5	3	<1	0
Aluminum	ppm	5	4	<1	<1
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	5	7	1	3
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	1	2	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3769	3502	3435	3720
Magnesium	ppm	19	15	10	13
Zinc	ppm	1440	1397	1437	1474
Phosphorus	ppm	1236	1188	1120	1204
Barium	ppm	0	0	0	0
Boron	ppm	112	109	96	108

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.

Depot: VOLVO9652
Unique No: 5629040
Signed: Wes Davis
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

