



CONSTRUCTION EQUIPMENT

8000381345 VOLVO L120H 632927 - FRONT AXLE



Sample No: VCP394289
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 8000381345



SAMPLE INFORMATION

Sample Number	VCP394289	VCP352950	VCP332538	VCP333575
Sample Date	18 Oct 2023	07 Dec 2022	26 Aug 2022	04 Dec 2021
Machine Hours	6487	4258	3187	908
Oil Hours	0	0	0	908
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
 pdoyle@strongco.com
 T: (403)346-3473
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	43.6	49.7	49.5	39.9
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	13	17	17	15
Sodium	ppm	<1	<1	8	11
Potassium	ppm	<1	0	0	2

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	34	51	176	393
Copper	ppm	<1	0	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	<1	4	8
Molybdenum	ppm	0	<1	3	16
Nickel	ppm	<1	<1	1	2
Titanium	ppm	0	<1	<1	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	2	6	13
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4185	3824	3825	3875
Magnesium	ppm	15	16	18	12
Zinc	ppm	1599	1435	1475	1591
Phosphorus	ppm	1318	1211	1237	1371
Barium	ppm	<1	0	0	0
Boron	ppm	123	107	113	119

Depot: VOLVO9652
Unique No: 5659775
Signed: Wes Davis
Report Date: 20 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

