



CONSTRUCTION EQUIPMENT

25270 VOLVO L70H 624322 - REAR AXLE



Sample No: VCP408874
Oil Type: VOLVO WB 102
Job No: 25270



SAMPLE INFORMATION

Sample Number	VCP408874	VCP426985	VCP383962	VCP342548
Sample Date	21 Mar 2024	10 Aug 2023	01 Dec 2022	28 Apr 2022
Machine Hours	6082	4406	2572	991
Oil Hours	0	0	500	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcham@ascendummachinery.com
 T:
 F: (843)414-1129



OIL CONDITION

Visc @ 40°C	cSt	44.0	45.4	46.6	39.9
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	17	16	9
Sodium	ppm	2	3	9	11
Potassium	ppm	<1	0	0	<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	31	36	40	32
Copper	ppm	16	22	9	<1
Lead	ppm	0	0	<1	1
Tin	ppm	2	2	1	<1
Aluminum	ppm	1	0	2	1
Chromium	ppm	<1	1	2	2
Molybdenum	ppm	1	2	4	10
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	3	5	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3644	3741	3973	4250
Magnesium	ppm	30	38	48	14
Zinc	ppm	1539	1467	1561	1587
Phosphorus	ppm	1266	1208	1232	1387
Barium	ppm	0	0	0	0
Boron	ppm	121	126	136	136

Depot: VOLVO3387
Unique No: 10943812
Signed: Wes Davis
Report Date: 27 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

