



CONSTRUCTION EQUIPMENT

25270 VOLVO L70H 624322 - FRONT AXLE



Sample No: VCP408866
Oil Type: VOLVO WB 102
Job No: 25270



SAMPLE INFORMATION

Sample Number	VCP408866	VCP426919	VCP383964	VCP342547
Sample Date	21 Mar 2024	10 Aug 2023	01 Dec 2022	28 Apr 2022
Machine Hours	6082	4406	2572	991
Oil Hours	0	0	0	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
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OIL CONDITION

Visc @ 40°C	cSt	43.4	44.8	42.5	39.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	15	15	10
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	12	23	29	34
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	1	0	2	1
Chromium	ppm	0	1	2	2
Molybdenum	ppm	<1	3	6	10
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	3	4	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3743	3691	3946	4236
Magnesium	ppm	23	37	44	14
Zinc	ppm	1558	1459	1577	1553
Phosphorus	ppm	1274	1193	1232	1384
Barium	ppm	0	0	0	0
Boron	ppm	122	125	132	139

Depot: VOLVO3387
Unique No: 10943811
Signed: Wes Davis
Report Date: 27 Mar 2024



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GRAPHS

