



CONSTRUCTION EQUIPMENT

661396 VOLVO L110H 631024 - REAR AXLE



Sample No: VCP441664
Oil Type: VOLVO WB 102
Job No: 661396



SAMPLE INFORMATION

Sample Number	VCP441664	VCP405121	VCP381262	VCP360961
Sample Date	10 Feb 2024	18 Apr 2023	02 Nov 2022	18 Apr 2022
Machine Hours	10869	9834	9345	8655
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HUBBARD CONSTRUCTION
 303 WEST LANDSTREET ROAD
 ORLANDO, FL
 US 32824
 Contact: RAY BIRKO
 ray.birko@hubbard.com
 T: (407)855-3535
 F: (407)857-1282



OIL CONDITION

Visc @ 40°C	cSt	42.4	42.3	42.7	42.1
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	15	13	14
Sodium	ppm	2	4	4	11
Potassium	ppm	2	0	0	0

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	106	55	40	57
Copper	ppm	28	18	12	22
Lead	ppm	<1	0	1	1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	1	1	1
Chromium	ppm	2	<1	<1	1
Molybdenum	ppm	2	1	1	3
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	3	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4125	3795	3799	4062
Magnesium	ppm	22	21	17	26
Zinc	ppm	1633	1546	1547	1542
Phosphorus	ppm	1488	1264	1159	1358
Barium	ppm	12	0	0	0
Boron	ppm	155	136	133	145

Depot: HUBORL
Unique No: 10876579
Signed: Wes Davis
Report Date: 15 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

