



CONSTRUCTION EQUIPMENT

10021 VOLVO L220H 3007 - REAR AXLE



Sample No: VCP398602
Oil Type: VOLVO WB 102
Job No: 10021



SAMPLE INFORMATION

Sample Number	VCP398602	VCP291782	VCP277532	VCP189795
Sample Date	11 Dec 2023	10 Mar 2021	02 Apr 2020	20 Aug 2019
Machine Hours	11094	6154	3959	2083
Oil Hours	0	2000	2000	2083
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

RECYCLE 1
 4700 LAWRENCE ST
 HYATTSVILLE, MD
 US 20781
 Contact: MIKE DESJARDINS
 mdesjarkins@wbwaste.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.1	39.7	46.7	45.1
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	8	10	14
Sodium	ppm	6	6	6	3
Potassium	ppm	0	14	<1	4

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	75	65	200	403
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	2	<1
Chromium	ppm	<1	<1	2	5
Molybdenum	ppm	19	8	36	16
Nickel	ppm	0	<1	<1	2
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	3	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3602	3163	3512	3733
Magnesium	ppm	79	13	63	27
Zinc	ppm	1514	1390	1320	1521
Phosphorus	ppm	1332	1129	1121	1122
Barium	ppm	0	0	0	0
Boron	ppm	129	89	110	108

Depot: RECHYA
Unique No: 10791570
Signed: Don Baldrige
Report Date: 19 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

