



CONSTRUCTION EQUIPMENT

10021 VOLVO L220H 3007 - FRONT AXLE



Sample No: VCP422156
Oil Type: VOLVO WB 102
Job No: 10021



SAMPLE INFORMATION

Sample Number	VCP422156	VCP291789	VCP277536	VCP254531
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	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	42.6	39.6	45.7	44.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	8	11	14
Sodium	ppm	2	5	6	4
Potassium	ppm	0	0	1	7

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	20	43	70
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	1	2
Molybdenum	ppm	<1	0	3	2
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	3
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3311	2936	3296	3715
Magnesium	ppm	18	12	56	26
Zinc	ppm	1358	1305	1260	1519
Phosphorus	ppm	1157	1054	1079	1124
Barium	ppm	0	0	0	0
Boron	ppm	107	82	102	107

Depot: RECHYA
Unique No: 10791573
Signed: Wes Davis
Report Date: 18 Dec 2023



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VOLVO GRAPHS

