



CONSTRUCTION EQUIPMENT

W214403 VOLVO L110H 10365 - REAR AXLE



Sample No: VCP275708
Oil Type: VOLVO WB 102
Job No: W214403



SAMPLE INFORMATION

Sample Number	VCP275708	VCP290879	VC094644	VCP235491
Sample Date	23 Jul 2020	31 Jan 2020	05 Dec 2019	05 Nov 2018
Machine Hours	9102	10272	8109	7016
Oil Hours	1000	2000	2000	800
Oil Changed	Not Changd	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

ULSTER COUNTY RESOURCE RECOVERY AGENCY
 999 FLATBUSH AVE
 KINGSTON, NY
 US 12401
 Contact: CHARLES WHITTAKER
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 T: (845)399-2686
 F:



OIL CONDITION

Visc @ 40°C	cSt	39.5	39.6	40.6	38.92
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CONTAMINATION

Water	%	NEG	NEG	▲ 0.430	NEG
Silicon	ppm	12	9	16	16
Sodium	ppm	4	1	3	1
Potassium	ppm	<1	<1	<1	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	21	40	229	186
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	1	<1
Chromium	ppm	<1	<1	4	3
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	2	1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	5	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3687	4229	4120	4402
Magnesium	ppm	9	12	14	14
Zinc	ppm	1475	1616	1581	1747
Phosphorus	ppm	1214	1351	1353	1409
Barium	ppm	0	0	<1	<1
Boron	ppm	244	128	124	122

Depot: ULSKIN
Unique No: 9150427
Signed: Wes Davis
Report Date: 25 Aug 2020



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VOLVO GRAPHS

