



CONSTRUCTION EQUIPMENT

W214403 VOLVO L110H 10365 - FRONT AXLE



Sample No: VCP267814
Oil Type: VOLVO WB 102
Job No: W214403



SAMPLE INFORMATION

Sample Number	VCP267814	VCP294991	VC069271	VCP232685
Sample Date	23 Jul 2020	31 Jan 2020	05 Dec 2019	05 Nov 2018
Machine Hours	9102	10272	8109	7016
Oil Hours	1000	2000	8109	800
Oil Changed	Not Changd	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	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	39.7	40.3	40.37
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	8	14	15
Sodium	ppm	4	1	2	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	17	38	180	151
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	1	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	3	2
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	2	<1	0	0
Manganese	ppm	<1	<1	4	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3863	4330	4480	4355
Magnesium	ppm	9	13	14	14
Zinc	ppm	1541	1635	1705	1749
Phosphorus	ppm	1273	1357	1487	1377
Barium	ppm	0	0	0	<1
Boron	ppm	252	130	130	123

Depot: ULSKIN
Unique No: 9150428
Signed: Wes Davis
Report Date: 25 Aug 2020



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GRAPHS

