



CONSTRUCTION EQUIPMENT

225208 CRC WM VOLVO L120H 632191 - REAR AXLE



Sample No: VCP424199
Oil Type: VOLVO WB 102
Job No: 225208 CRC WM



SAMPLE INFORMATION

Sample Number	VCP424199	VCP371176	VCP363791	VCP305098
Sample Date	07 Sep 2023	13 Jan 2023	11 Oct 2022	22 Sep 2021
Machine Hours	17291	16571	16520	14382
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	41.0	40.9	40.9	40.5
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CONTAMINATION

Silicon	ppm	8	8	12	16
Sodium	ppm	5	5	3	2
Potassium	ppm	0	<1	2	<1

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	174	139	300	118
Copper	ppm	1	<1	<1	<1
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	<1	2	1
Chromium	ppm	2	1	2	1
Molybdenum	ppm	14	5	35	34
Nickel	ppm	1	<1	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	3	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	2196	2352	3336	4527
Magnesium	ppm	9	10	11	17
Zinc	ppm	1053	1192	1454	1698
Phosphorus	ppm	944	1045	1183	1469
Barium	ppm	0	0	0	0
Boron	ppm	69	62	103	150

Depot: VOLVO1271
Unique No: 10649008
Signed: Sean Felton
Report Date: 19 Sep 2023



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VOLVO GRAPHS

