



CONSTRUCTION EQUIPMENT

3895 TIDE WATER VOLVO L120H 633107 - REAR AXLE



Sample No: VCP411804
Oil Type: VOLVO WB 102
Job No: 3895 TIDE WATER



SAMPLE INFORMATION

Sample Number	VCP411804	VCP393229	VCP344925	VCP401354
Sample Date	06 Dec 2023	05 Jun 2023	03 Feb 2023	18 Jan 2023
Machine Hours	6188	4012	2562	2354
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	49.7	48.5	43.0	42.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	17	15	8
Sodium	ppm	2	3	2	0
Potassium	ppm	11	0	0	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	106	39	60	14
Copper	ppm	6	0	<1	0
Lead	ppm	2	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	1	1	<1
Chromium	ppm	1	<1	1	<1
Molybdenum	ppm	8	3	5	<1
Nickel	ppm	2	<1	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	2	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	1730	4009	4259	3646
Magnesium	ppm	23	21	22	7
Zinc	ppm	870	1596	1629	1462
Phosphorus	ppm	670	1263	1214	1196
Barium	ppm	0	0	0	1
Boron	ppm	39	131	147	126

Depot: VOLVO8882
Unique No: 10780794
Signed: Sean Felton
Report Date: 14 Dec 2023



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VOLVO GRAPHS

