



CONSTRUCTION EQUIPMENT

9938 VOLVO L60G 1799 - REAR AXLE



Sample No: VCP388536
Oil Type: VOLVO WB 102
Job No: 9938



SAMPLE INFORMATION

Sample Number	VCP388536	VCP290934	VCP213651	VCP160688
Sample Date	16 Nov 2023	05 Nov 2020	27 Feb 2018	23 Sep 2015
Machine Hours	7929	6262	4154	2080
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RELIABLE CONTRACTING
 2410 EVERGREEN RD SUITE 200
 GAMBRILLS, MD
 US 21054
 Contact: RUSSELL HATFIELD
 RHATFIELD@RELIABLECONTRACTING.COM
 T: (410)987-1851
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.8	40.1	40.33	41.71
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	10	12	11
Sodium	ppm	5	1	1	1
Potassium	ppm	<1	0	<1	3

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	24	51	81	41
Copper	ppm	2	7	<1	18
Lead	ppm	3	5	<1	4
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	1	2	1
Molybdenum	ppm	6	<1	0	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3614	3697	4292	3746
Magnesium	ppm	58	11	14	10
Zinc	ppm	1651	1458	1401	1562
Phosphorus	ppm	1225	1200	1324	1230
Barium	ppm	0	0	0	0
Boron	ppm	116	128	115	92

Depot: RELMIL
Unique No: 10753502
Signed: Wes Davis
Report Date: 22 Nov 2023



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GRAPHS

