



CONSTRUCTION EQUIPMENT

VOLVO L250H 61 - FRONT AXLE



Sample No: VCP423710
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP423710	VCP191985	VCP166300	VCP197185
Sample Date	16 Aug 2023	02 Oct 2019	30 Mar 2018	31 May 2017
Machine Hours	16170	0	4600	2075
Oil Hours	0	0	0	2075
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

J.M. HUBER
 10322 HWY 53 E
 MARBLE HILL, GA
 US 30148
 Contact: TONY GIBSON



OIL CONDITION

Visc @ 40°C	cSt	42.9	40.76	40.7	40.72
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T: (770)893-4428
 F:



CONTAMINATION

Silicon	ppm	15	7	9	13
Sodium	ppm	2	2	10	3
Potassium	ppm	0	14	3	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	63	28	122	170
Copper	ppm	<1	2	3	4
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	<1	<1	2	3
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	0	<1	<1	1
Titanium	ppm	0	<1	2	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	3	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3979	2882	3191	4129
Magnesium	ppm	11	8	22	8
Zinc	ppm	1509	1289	1367	1602
Phosphorus	ppm	1315	1060	1042	1429
Barium	ppm	0	0	0	0
Boron	ppm	159	76	89	111

Depot: JMHMAR
Unique No: 10621716
Signed: Wes Davis
Report Date: 29 Aug 2023



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GRAPHS

