



CONSTRUCTION EQUIPMENT

21 VOLVO L90H 25852 - REAR AXLE



Sample No: VCP366258
Oil Type: VOLVO WB 102
Job No: 21



SAMPLE INFORMATION

Sample Number	VCP366258	VCP325019	VCP356844	VCP328044
Sample Date	02 Jun 2023	09 Dec 2022	11 Aug 2022	27 Jan 2022
Machine Hours	9128	6782	4794	2481
Oil Hours	2400	2000	2000	2481
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PLEASANT RIVER LUMBER

PO BOX 68
 DOVER FOXCROFT, ME
 US 04426
 Contact: NICK BUSHWAY
 nbushway@pleasantriverlumber.com
 T: (207)564-8520
 F: (207)564-8259



OIL CONDITION

Visc @ 40°C	cSt	40.2	42.5	42.2	40.1
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CONTAMINATION

Silicon	ppm	15	13	10	15
Sodium	ppm	1	3	4	12
Potassium	ppm	0	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	52	57	35	70
Copper	ppm	4	47	10	82
Lead	ppm	0	1	<1	<1
Tin	ppm	<1	7	1	8
Aluminum	ppm	1	2	1	1
Chromium	ppm	1	1	<1	4
Molybdenum	ppm	<1	<1	<1	3
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	1	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4343	3910	3302	3653
Magnesium	ppm	23	17	13	14
Zinc	ppm	1678	1594	1474	1523
Phosphorus	ppm	1343	1342	1196	1236
Barium	ppm	0	0	<1	0
Boron	ppm	179	137	125	122

Depot: PLEDOV
Unique No: 10632195
Signed: Wes Davis
Report Date: 05 Sep 2023



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GRAPHS

