



CONSTRUCTION EQUIPMENT

12 VOLVO L120H 32363 - FRONT AXLE



Sample No: VCP406795
Oil Type: VOLVO WB 102
Job No: 12



SAMPLE INFORMATION

Sample Number	VCP406795	VCP299427	VCE192318	VCE218705
Sample Date	21 Aug 2023	14 Jul 2021	15 Jul 2020	30 Apr 2019
Machine Hours	15286	13134	9983	4800
Oil Hours	2000	3000	2000	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

PLEASANT RIVER LUMBER
 PO BOX 68
 DOVER FOXCROFT, ME
 US 04426
 Contact: BURLEY HIGGINS
 burley@pleasantriverlumber.com
 T:
 F: (207)564-8259



OIL CONDITION

Visc @ 40°C	cSt	39.2	38.1	39.7	39.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	▲ 0.246
Silicon	ppm	13	11	11	11
Sodium	ppm	7	6	8	1
Potassium	ppm	0	<1	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	51	30	228	209
Copper	ppm	6	7	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	<1	3	4
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	0	0	2	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	6	<1	0
Manganese	ppm	<1	<1	3	6
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	2890	2685	4152	4203
Magnesium	ppm	20	12	13	12
Zinc	ppm	1259	1307	1577	1526
Phosphorus	ppm	1090	1195	1409	1298
Barium	ppm	0	0	0	0
Boron	ppm	99	108	130	126

Depot: PLEDOV
Unique No: 10791566
Signed: Wes Davis
Report Date: 18 Dec 2023



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VOLVO GRAPHS

