



CONSTRUCTION EQUIPMENT

12 VOLVO L120H 32363 - REAR AXLE



Sample No: VCP405786
Oil Type: VOLVO WB 102
Job No: 12



SAMPLE INFORMATION

Sample Number	VCP405786	VCP299491	VCE214200	VCE192315
Sample Date	21 Aug 2023	14 Jul 2021	03 Feb 2020	30 Apr 2019
Machine Hours	15286	13134	8003	4800
Oil Hours	2000	3000	1000	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	41.4	37.6	32.16	38.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	9	4	9
Sodium	ppm	12	14	2	2
Potassium	ppm	0	1	<1	2

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	56	45	89	148
Copper	ppm	1	1	1	<1
Lead	ppm	0	1	<1	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	<1	2	2
Molybdenum	ppm	<1	2	3	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	1	4
Vanadium	ppm	<1	<1	0	0

ADDITIVES

Calcium	ppm	3538	2308	779	3218
Magnesium	ppm	18	19	37	11
Zinc	ppm	1461	1201	702	1236
Phosphorus	ppm	1272	1048	536	1082
Barium	ppm	0	0	<1	0
Boron	ppm	120	109	25	93

Depot: PLEDOV
Unique No: 10791568
Signed: Wes Davis
Report Date: 18 Dec 2023



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GRAPHS

