



CONSTRUCTION EQUIPMENT

10 VOLVO L220E 4861 - FRONT AXLE



Sample No: VCP406789
Oil Type: VOLVO WB 102
Job No: 10



SAMPLE INFORMATION

Sample Number	VCP406789	VCP078854	VCP063031	---
Sample Date	27 Nov 2023	19 Mar 2009	20 Jun 2008	---
Machine Hours	10085	3892	2033	---
Oil Hours	3000	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	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	41.7	51.9	56.33	---
-------------	-----	-------------	------	-------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	15	14	---
Sodium	ppm	5	0	1	---
Potassium	ppm	0	9	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 component. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	43	64	40	---
Copper	ppm	13	<1	<1	---
Lead	ppm	<1	4	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	<1	2	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	7	1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	2429	3171	3352	---
Magnesium	ppm	19	14	<1	---
Zinc	ppm	1117	1256	1411	---
Phosphorus	ppm	972	992	1162	---
Barium	ppm	0	1	0	---
Boron	ppm	84	72	84	---

Depot: PLEDOV
Unique No: 10791585
Signed: Don Baldrige
Report Date: 19 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

