



CONSTRUCTION EQUIPMENT

20 VOLVO L90H 25826 - FRONT AXLE



Sample No: VCP452140
Oil Type: VOLVO WB 102
Job No: 20



SAMPLE INFORMATION

Sample Number	VCP452140	VCP387345	VCP351392	---
Sample Date	25 Jan 2024	22 Feb 2023	01 Apr 2022	---
Machine Hours	7157	4672	2325	---
Oil Hours	2500	2300	2325	---
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	41.8	40.9	39.9	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	11	9	---
Sodium	ppm	1	1	7	---
Potassium	ppm	0	2	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	23	93	---
Copper	ppm	0	<1	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	2	2	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	0	<1	16	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	1	11	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2444	2867	3265	---
Magnesium	ppm	9	9	8	---
Zinc	ppm	1184	1383	1485	---
Phosphorus	ppm	1112	1249	1325	---
Barium	ppm	0	1	0	---
Boron	ppm	86	87	108	---

Depot: PLEDOV
Unique No: 10873855
Signed: Don Baldrige
Report Date: 13 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

