



CONSTRUCTION EQUIPMENT

17 VOLVO L90H 25192 - FRONT AXLE



Sample No: VCP430539
Oil Type: VOLVO WB 102
Job No: 17



SAMPLE INFORMATION

Sample Number	VCP430539	VCP387242	VC326532	VCP321981
Sample Date	06 Dec 2023	08 Dec 2022	24 Feb 2022	03 Sep 2021
Machine Hours	11036	8750	5815	3819
Oil Hours	2100	2000	2000	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	42.4	42.6	42.0	40.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	14	10	10
Sodium	ppm	0	5	4	8
Potassium	ppm	0	0	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	52	15	34
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	2	0	<1
Aluminum	ppm	2	2	1	<1
Chromium	ppm	1	1	<1	1
Molybdenum	ppm	0	1	<1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	5
Manganese	ppm	0	2	<1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3964	4297	3731	3920
Magnesium	ppm	9	19	10	11
Zinc	ppm	1593	1775	1688	1646
Phosphorus	ppm	1469	1409	1450	1276
Barium	ppm	4	0	0	0
Boron	ppm	130	149	118	127

Depot: PLEDOV
Unique No: 10809870
Signed: Wes Davis
Report Date: 03 Jan 2024



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VOLVO GRAPHS

