



CONSTRUCTION EQUIPMENT

8 VOLVO L90H 23321 - FRONT AXLE



Sample No: VCP357576
Oil Type: VOLVO WB 102
Job No: 8



SAMPLE INFORMATION

Sample Number	VCP357576	VCP259274	VCP275942	VCE219074
Sample Date	01 Nov 2022	03 May 2021	18 Dec 2020	11 Apr 2019
Machine Hours	24185	22165	20516	13100
Oil Hours	2000	2050	2000	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

PLEASANT RIVER LUMBER
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OIL CONDITION

Visc @ 40°C	cSt	40.6	39.3	33.3	35.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	9	9	11
Sodium	ppm	10	5	4	1
Potassium	ppm	0	1	7	7

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	24	42	145	122
Copper	ppm	<1	<1	1	<1
Lead	ppm	<1	<1	2	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	0	2	<1
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	1	<1	0
Manganese	ppm	<1	<1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3546	3877	1151	3939
Magnesium	ppm	15	13	19	12
Zinc	ppm	1530	1497	711	1442
Phosphorus	ppm	1206	1269	562	1264
Barium	ppm	0	0	0	0
Boron	ppm	110	120	33	123

Depot: PLEDOV
Unique No: 10221734
Signed: Wes Davis
Report Date: 18 Nov 2022



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VOLVO GRAPHS

