



CONSTRUCTION EQUIPMENT

9242 VOLVO L110F 4768 - FRONT AXLE



Sample No: VCP408911
Oil Type: VOLVO WB 102
Job No: 9242



SAMPLE INFORMATION

Sample Number	VCP408911	VCP344619	VCP310126	VCP323653
Sample Date	13 Jul 2023	06 Dec 2021	27 Sep 2021	04 Jun 2021
Machine Hours	11933	10141	9912	9705
Oil Hours	0	250	0	1000
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.2	46.4	46.0	44.4
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CONTAMINATION

Silicon	ppm	13	13	14	10
Sodium	ppm	7	6	6	<1
Potassium	ppm	0	<1	0	<1



WEAR METALS

Iron	ppm	20	9	16	50
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	<1	2	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	1	1	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	9	9	13	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3773	3758	3809	3390
Magnesium	ppm	136	141	156	36
Zinc	ppm	1593	1522	1528	1384
Phosphorus	ppm	1274	1283	1120	1143
Barium	ppm	0	0	0	0
Boron	ppm	133	116	111	128

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.

Depot: REPPER
Unique No: 10573578
Signed: Wes Davis
Report Date: 26 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

