



CONSTRUCTION EQUIPMENT

A10814 STELLA JONES VOLVO L110G 8543 - FRONT AXLE



Sample No: VCP411854
Oil Type: MOBIL WB 102
Job No: A10814 STELLA JONES



SAMPLE INFORMATION

Sample Number	VCP411854	VCP283522	VCP246588	VCP187718
Sample Date	02 Aug 2023	22 Jul 2020	31 Dec 2019	09 Jan 2017
Machine Hours	6025	4100	3750	2600
Oil Hours	2000	2000	1000	2000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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OIL CONDITION

Visc @ 40°C	cSt	40.0	47.3	45.1	40.72
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CONTAMINATION

Silicon	ppm	12	10	11	20
Sodium	ppm	8	2	2	3
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	30	44	43	418
Copper	ppm	<1	<1	<1	2
Lead	ppm	<1	0	0	2
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	9
Molybdenum	ppm	1	3	3	4
Nickel	ppm	0	<1	<1	2
Titanium	ppm	<1	<1	<1	2
Silver	ppm	0	<1	0	0
Manganese	ppm	1	1	1	13
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3861	3940	3664	4260
Magnesium	ppm	22	48	42	13
Zinc	ppm	1557	1578	1515	1670
Phosphorus	ppm	1266	1295	1135	1472
Barium	ppm	0	0	0	0
Boron	ppm	139	117	102	118

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: VOLVO8879
Unique No: 10601773
Signed: Wes Davis
Report Date: 11 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

