



CONSTRUCTION EQUIPMENT

D12688 IAA SUSSEX VOLVO L90H 625531 - REAR AXLE



Sample No: VCP418680
Oil Type: VOLVO WB 102
Job No: D12688 IAA SUSSEX



SAMPLE INFORMATION

Sample Number	VCP418680	VCP382390	VCP336172	---
Sample Date	19 Sep 2023	02 Mar 2023	10 Feb 2022	---
Machine Hours	5001	4014	2086	---
Oil Hours	963	924	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
 BUTLER, WI
 US 53007
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OIL CONDITION

Visc @ 40°C	cSt	42.3	43.0	44.4	---
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CONTAMINATION

Water	%	0.225	---	---	---
Silicon	ppm	23	11	13	---
Sodium	ppm	<1	2	5	---
Potassium	ppm	2	1	<1	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	24	49	33	---
Copper	ppm	6	17	8	---
Lead	ppm	<1	0	1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	4	0	<1	---
Chromium	ppm	<1	0	1	---
Molybdenum	ppm	<1	0	2	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3905	3515	4097	---
Magnesium	ppm	17	17	24	---
Zinc	ppm	1575	1437	1611	---
Phosphorus	ppm	1260	1180	1339	---
Barium	ppm	0	<1	0	---
Boron	ppm	144	113	120	---

Depot: VOLVO0069
Unique No: 10662663
Signed: Sean Felton
Report Date: 27 Sep 2023



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GRAPHS

