



CONSTRUCTION EQUIPMENT

D12626 VOLVO L120F 72094 - FRONT AXLE



Sample No: VCP418684
Oil Type: VOLVO WB 102
Job No: D12626



SAMPLE INFORMATION

Sample Number	VCP418684	VCP317703	---	---
Sample Date	18 Aug 2023	27 Oct 2022	---	---
Machine Hours	7021	6635	---	---
Oil Hours	386	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	46.7	52.3	---	---
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CONTAMINATION

Water	%	0.955	---	---	---
Silicon	ppm	38	22	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	2	0	---	---

Diagnosis

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a high concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	123	81	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	11	5	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3669	3680	---	---
Magnesium	ppm	22	21	---	---
Zinc	ppm	1599	1436	---	---
Phosphorus	ppm	1291	1151	---	---
Barium	ppm	0	0	---	---
Boron	ppm	132	134	---	---

Depot: VOLVO0069
Unique No: 10616454
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

