



CONSTRUCTION EQUIPMENT

D12844 WE ENERGIES VOLVO L220H 3482 - REAR AXLE



Sample No: VCP414075
Oil Type: VOLVO WB 102
Job No: D12844 WE ENERGIES



SAMPLE INFORMATION

Sample Number	VCP414075	VCP418970	---	---
Sample Date	27 Sep 2023	28 Jul 2023	---	---
Machine Hours	947	582	---	---
Oil Hours	947	582	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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	41.2	41.5	---	---
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CONTAMINATION

Silicon	ppm	9	10	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	19	22	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	3	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3830	3850	---	---
Magnesium	ppm	12	13	---	---
Zinc	ppm	1627	1551	---	---
Phosphorus	ppm	1312	1282	---	---
Barium	ppm	0	0	---	---
Boron	ppm	121	137	---	---

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: VOLVO0069
Unique No: 10682504
Signed: Wes Davis
Report Date: 06 Oct 2023



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GRAPHS

