



CONSTRUCTION EQUIPMENT

D12549 WE ENERGIES VOLVO L220H 3482 - REAR AXLE



Sample No: VCP418970
Oil Type: VOLVO WB 102
Job No: D12549 WE ENERGIES



SAMPLE INFORMATION

Sample Number	VCP418970	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	582	---	---	---
Oil Hours	582	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	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	█ 41.5	---	---	---
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CONTAMINATION

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 3850	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1551	---	---	---
Phosphorus	ppm	█ 1282	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 137	---	---	---

Depot: VOLVO0069
Unique No: 10586765
Signed: Don Baldrige
Report Date: 04 Aug 2023



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GRAPHS

