



CONSTRUCTION EQUIPMENT

X37243 VOLVO L220H 3384 - FRONT AXLE



Sample No: VCP442586

Oil Type: VOLVO 424

Job No: X37243



SAMPLE INFORMATION

Sample Number	VCP442586	VCP412340	VCP387029	---
Sample Date	11 Oct 2023	18 Jul 2023	10 Jan 2023	---
Machine Hours	0	3751	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	ATTENTION	NORMAL	NORMAL	---

DIPROINDUCA USA LIMITED

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F:



OIL CONDITION

Visc @ 40°C	cSt	48.2	47.3	40.4	---
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CONTAMINATION

Silicon	ppm	17	14	10	---
Sodium	ppm	2	5	7	---
Potassium	ppm	0	1	4	---



WEAR METALS

Iron	ppm	142	63	53	---
Copper	ppm	▲ 105	5	8	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	3	2	1	---
Molybdenum	ppm	2	4	2	---
Nickel	ppm	1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	7	4	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3467	3861	4053	---
Magnesium	ppm	26	20	8	---
Zinc	ppm	1491	1545	1636	---
Phosphorus	ppm	1278	1216	1292	---
Barium	ppm	0	0	0	---
Boron	ppm	104	135	122	---

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. An increase in the copper level is noted. All other 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: DIPMED
Unique No: 10713414
Signed: Sean Felton
Report Date: 30 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

