



CONSTRUCTION EQUIPMENT

VOLVO L70H 624454 - REAR AXLE



Sample No: VCP428726
Oil Type: VOLVO WB 102
Job No:



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP428726	VCP418903	---	---
Sample Date	20 Dec 2023	23 May 2023	---	---
Machine Hours	3446	2683	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.6	39.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	0	8	---	---
Potassium	ppm	1	3	---	---



WEAR METALS

Iron	ppm	43	97	---	---
Copper	ppm	32	▲ 134	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	2	15	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	4	2	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3737	4089	---	---
Magnesium	ppm	31	13	---	---
Zinc	ppm	1557	1680	---	---
Phosphorus	ppm	1323	1321	---	---
Barium	ppm	10	2	---	---
Boron	ppm	139	132	---	---

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: VOLVO0093
Unique No: 10807694
Signed: Don Baldrige
Report Date: 29 Dec 2023

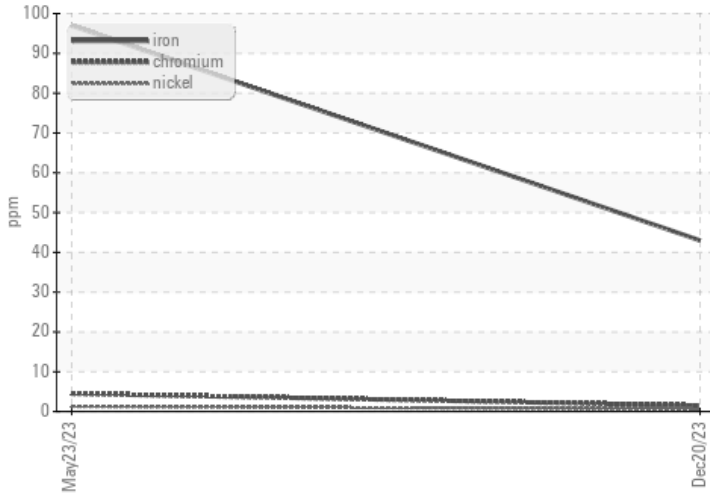


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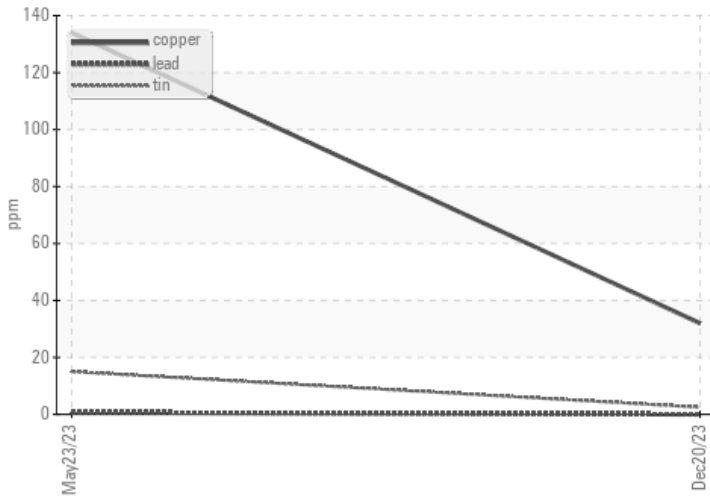


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

