



CONSTRUCTION EQUIPMENT

VOLVO L70H 624454 - FRONT AXLE



Sample No: VCP428725
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP428725	VCP418904	---	---
Sample Date	20 Dec 2023	23 May 2023	---	---
Machine Hours	3446	2683	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	42.5	39.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	12	---	---
Sodium	ppm	1	8	---	---
Potassium	ppm	1	2	---	---

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.



WEAR METALS

Iron	ppm	53	103	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	6	10	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

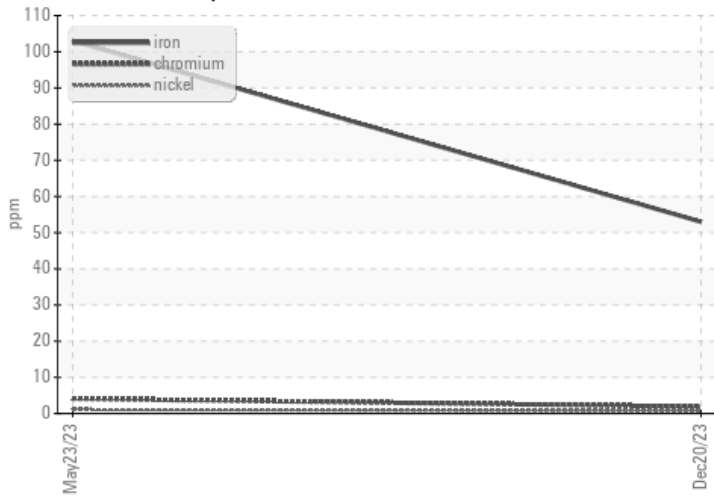
Calcium	ppm	3779	4051	---	---
Magnesium	ppm	29	12	---	---
Zinc	ppm	1594	1670	---	---
Phosphorus	ppm	1283	1312	---	---
Barium	ppm	10	2	---	---
Boron	ppm	134	127	---	---

Depot: VOLVO0093
Unique No: 10807695
Signed: Don Baldrige
Report Date: 29 Dec 2023

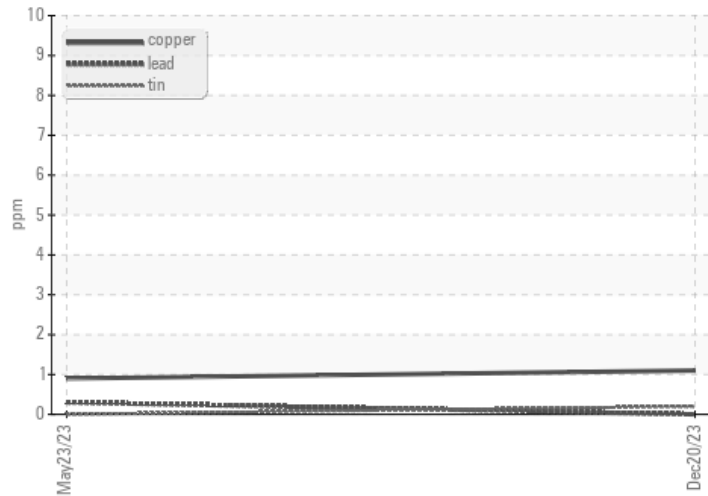


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

