



CONSTRUCTION EQUIPMENT

700821 HILSBOROUGH VOLVO L120H 633404 - FRONT AXLE



Sample No: VCP437908
Oil Type: VOLVO WB 102
Job No: 700821 HILSBOROUGH



SAMPLE INFORMATION

Sample Number	VCP437908	VCP427329	---	---
Sample Date	08 Apr 2024	28 Sep 2023	---	---
Machine Hours	2034	1023	---	---
Oil Hours	2034	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.1	41.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	26	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	0	3	---	---

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	42	64	---	---
Copper	ppm	5	5	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	<1	4	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

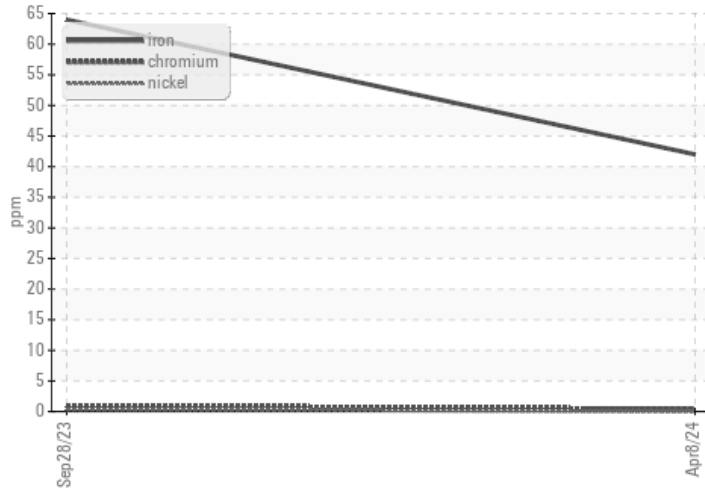
Calcium	ppm	4067	3832	---	---
Magnesium	ppm	10	7	---	---
Zinc	ppm	1655	1583	---	---
Phosphorus	ppm	1335	1301	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	141	136	---	---

Depot: VOLVO0093
Unique No: 11018958
Signed: Don Baldrige
Report Date: 10 May 2024

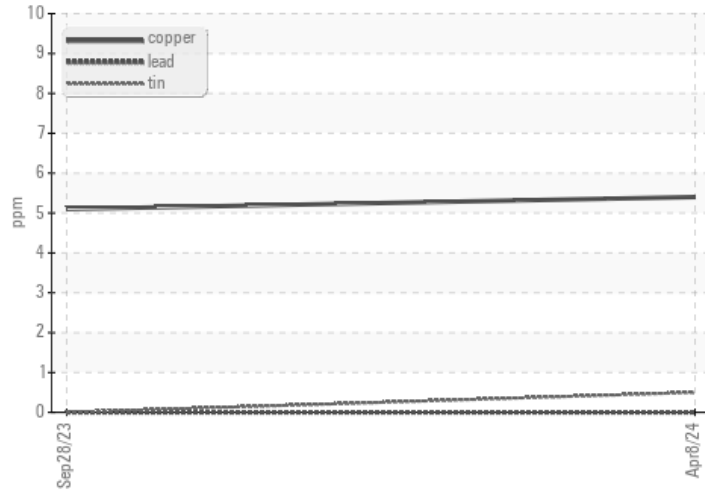


GRAPHS

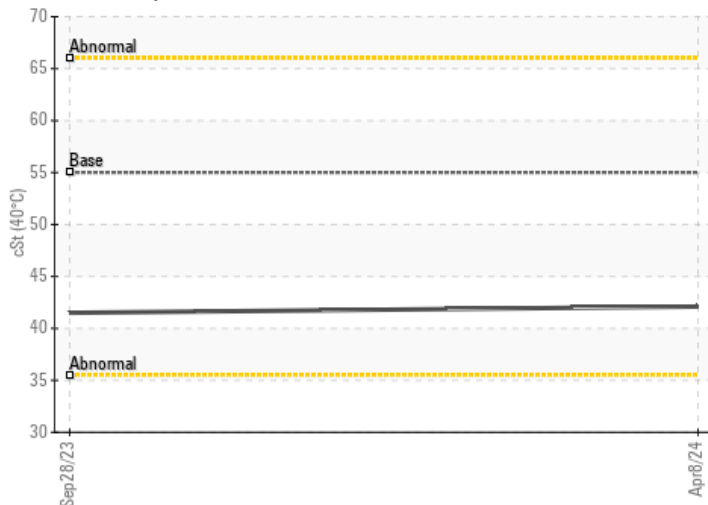
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

