



CONSTRUCTION EQUIPMENT

687813 VOLVO A30G 752847 - BRAKE COOLING SYSTEM



Sample No: VCP437911
Oil Type: VOLVO WB 102
Job No: 687813



SAMPLE INFORMATION

Sample Number	VCP437911	VCP392530	---	---
Sample Date	16 Mar 2024	15 Mar 2023	---	---
Machine Hours	3292	1063	---	---
Oil Hours	3292	1063	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	45.2	44.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	3	3	---	---



WEAR METALS

Iron	ppm	12	8	---	---
Copper	ppm	199	138	---	---
Lead	ppm	0	2	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3670	3853	---	---
Magnesium	ppm	8	16	---	---
Zinc	ppm	1509	1607	---	---
Phosphorus	ppm	1330	1277	---	---
Barium	ppm	2	0	---	---
Boron	ppm	134	131	---	---

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: RIPTAM
Unique No: 11018957
Signed: Don Baldrige
Report Date: 10 May 2024

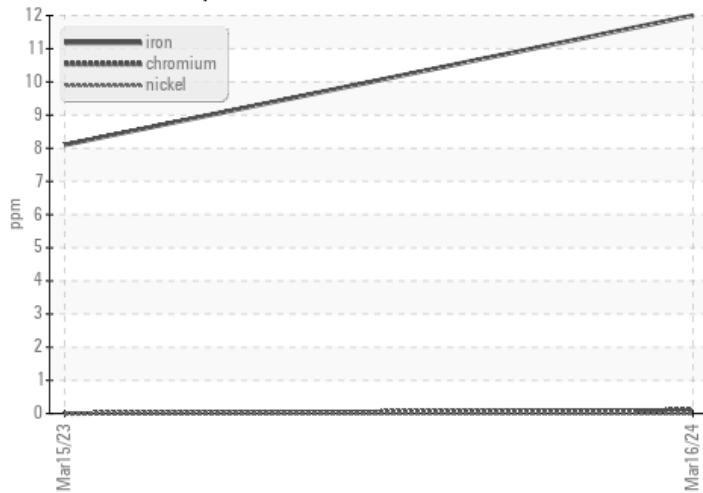


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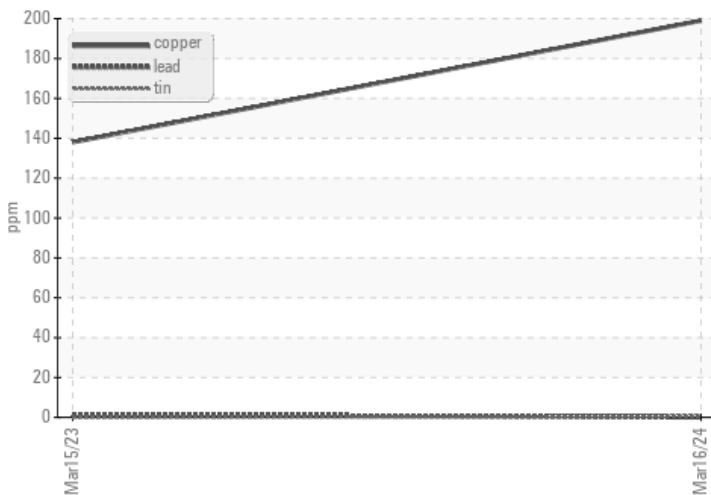


GRAPHS

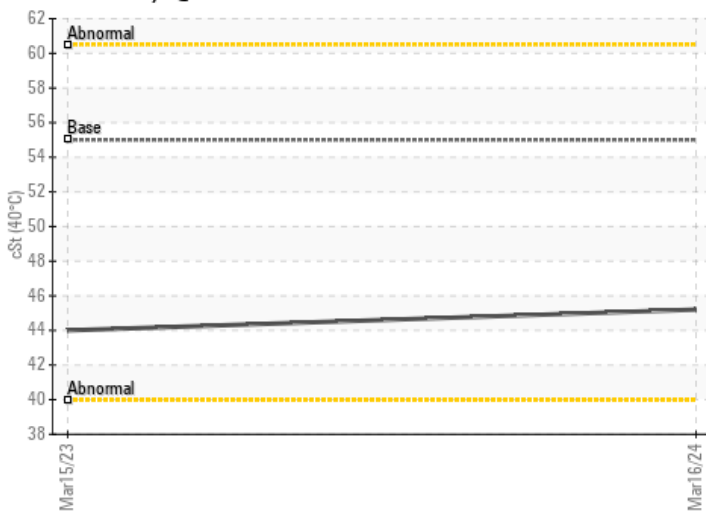
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

