



CONSTRUCTION EQUIPMENT

688604 VOLVO A30G 752326 - BRAKE COOLING SYSTEM



Sample No: VCP445581
Oil Type: VOLVO WB 102
Job No: 688604



SAMPLE INFORMATION

Sample Number	VCP445581	VCP330310	---	---
Sample Date	04 Apr 2024	18 Mar 2022	---	---
Machine Hours	5120	1147	---	---
Oil Hours	1000	1147	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	48.8	43.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	11	---	---
Sodium	ppm	0	9	---	---
Potassium	ppm	0	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	10	10	---	---
Copper	ppm	115	210	---	---
Lead	ppm	0	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	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	3681	3687	---	---
Magnesium	ppm	15	23	---	---
Zinc	ppm	1491	1467	---	---
Phosphorus	ppm	1234	1235	---	---
Barium	ppm	0	0	---	---
Boron	ppm	129	145	---	---

Depot: RIPTAM
Unique No: 11031764
Signed: Don Baldrige
Report Date: 17 May 2024

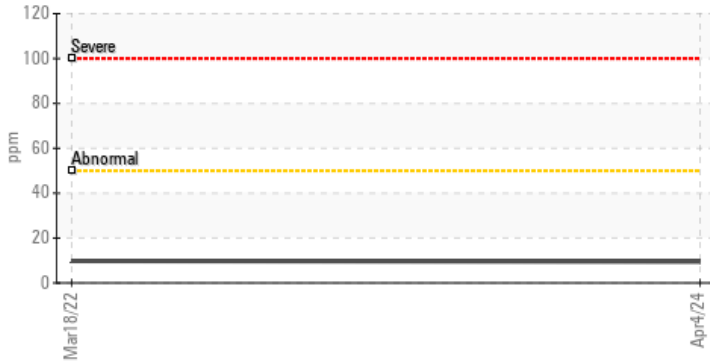


CONSTRUCTION EQUIPMENT

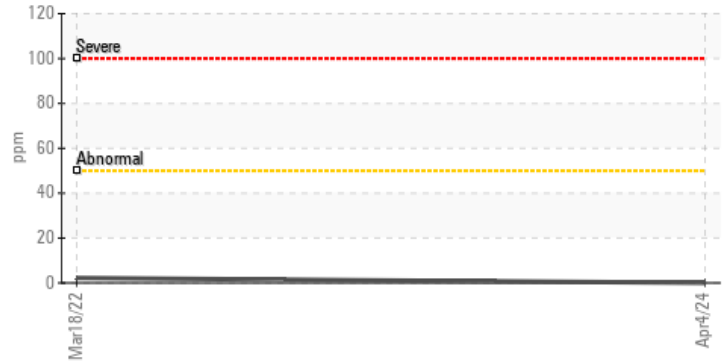


GRAPHS

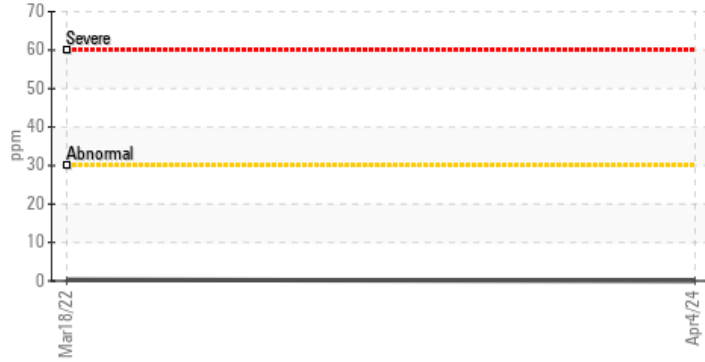
Iron (ppm)



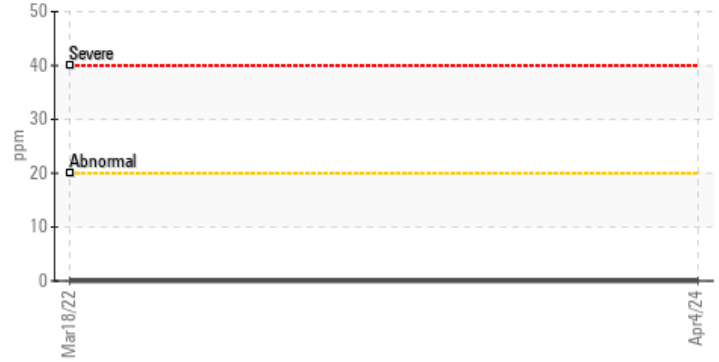
Lead (ppm)



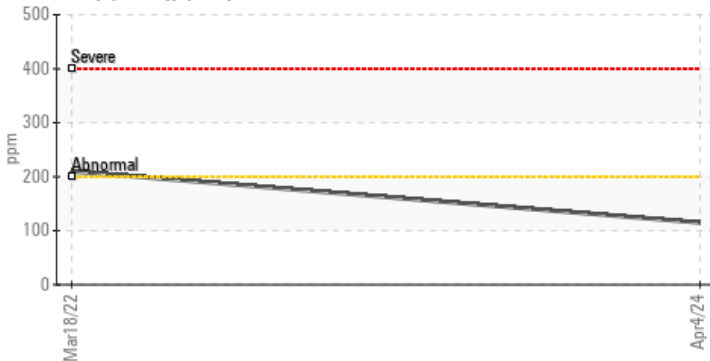
Aluminum (ppm)



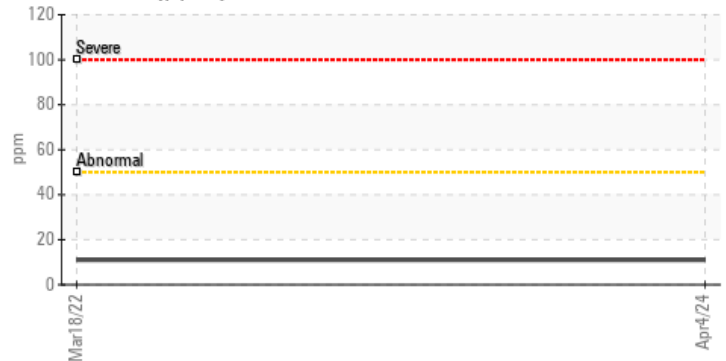
Chromium (ppm)



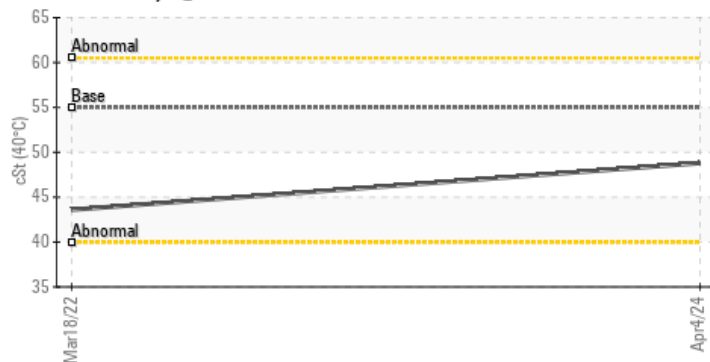
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

