



CONSTRUCTION EQUIPMENT

580566 VOLVO A30G 752343 - BRAKE COOLING SYSTEM



Sample No: VCP398079
Oil Type: VOLVO WB 102
Job No: 580566



SAMPLE INFORMATION

Sample Number	VCP398079	VCP376711	VCP330285	---
Sample Date	21 Jul 2023	05 Aug 2022	09 Mar 2022	---
Machine Hours	3990	2078	1178	---
Oil Hours	3990	1500	1178	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	49.3	44.3	43.8	---
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CONTAMINATION

Silicon	ppm	8	17	13	---
Sodium	ppm	1	4	5	---
Potassium	ppm	2	0	0	---



WEAR METALS

Iron	ppm	10	12	17	---
Copper	ppm	29	50	39	---
Lead	ppm	<1	<1	1	---
Tin	ppm	0	1	0	---
Aluminum	ppm	1	1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2023	3484	3764	---
Magnesium	ppm	15	15	18	---
Zinc	ppm	1045	1444	1423	---
Phosphorus	ppm	850	1163	1206	---
Barium	ppm	2	0	0	---
Boron	ppm	72	170	127	---

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.

Depot: RIPTAM
Unique No: 10602497
Signed: Don Baldrige
Report Date: 14 Aug 2023

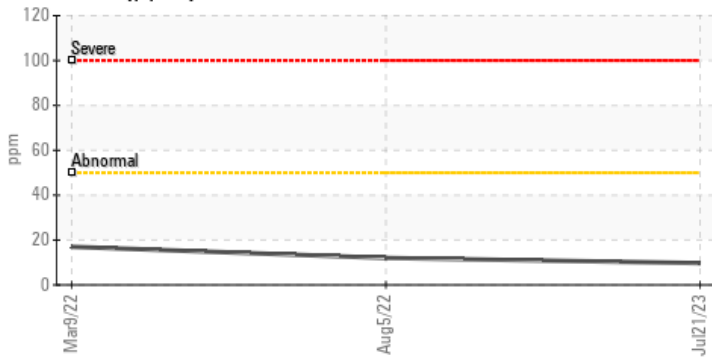


CONSTRUCTION EQUIPMENT

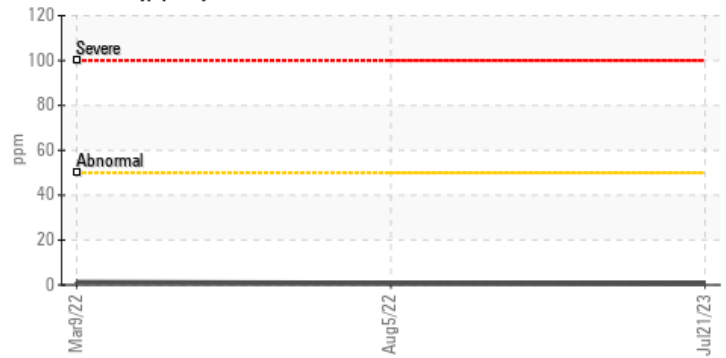


GRAPHS

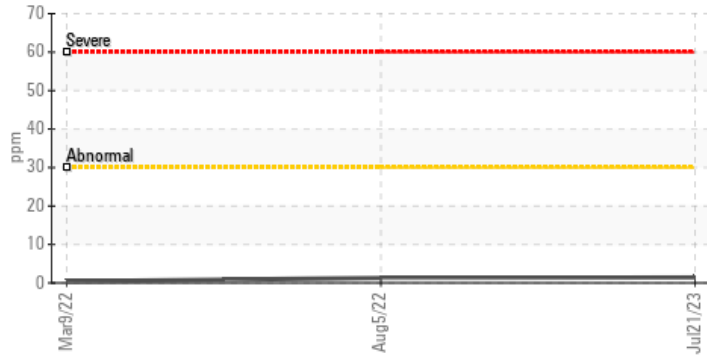
Iron (ppm)



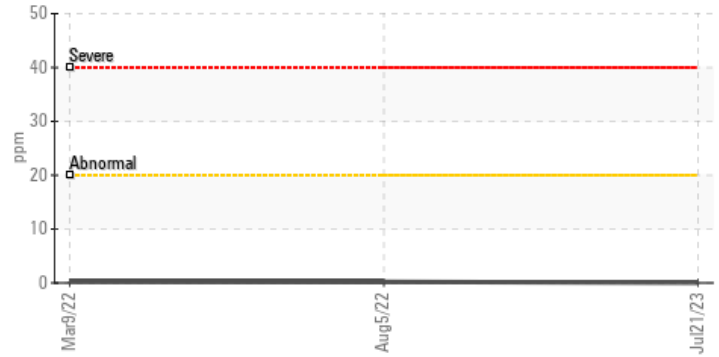
Lead (ppm)



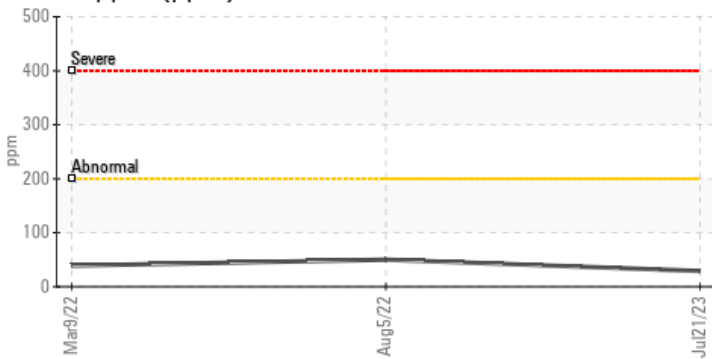
Aluminum (ppm)



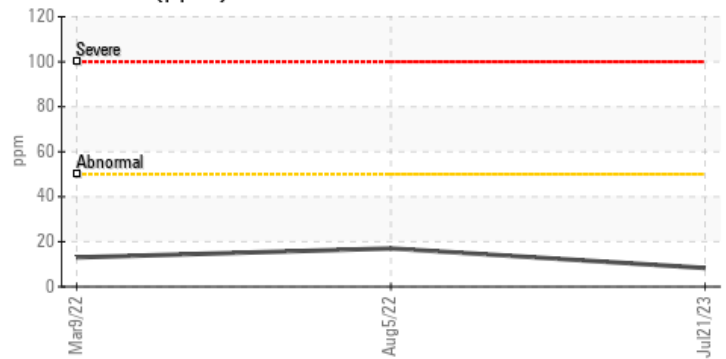
Chromium (ppm)



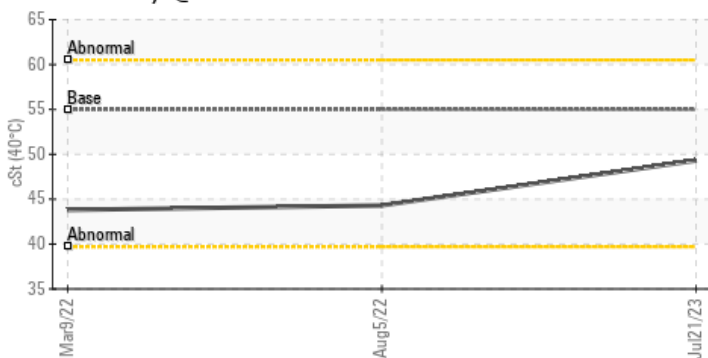
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

