



CONSTRUCTION EQUIPMENT

7010968 STANLEY VOLVO A45G 342207 - BRAKE COOLING SYSTEM



Sample No: VCP372979
Oil Type: VOLVO WB 101
Job No: 7010968 STANLEY



SAMPLE INFORMATION

Sample Number	VCP372979	VCP277833	---	---
Sample Date	28 Jul 2022	01 Jul 2020	---	---
Machine Hours	7899	3901	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	41.1	41.2	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Silicon	ppm	13	24	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	45	71	---	---
Copper	ppm	203	327	---	---
Lead	ppm	2	0	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	4	8	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3834	3477	---	---
Magnesium	ppm	5	7	---	---
Zinc	ppm	1509	1392	---	---
Phosphorus	ppm	1254	1270	---	---
Barium	ppm	0	0	---	---
Boron	ppm	162	92	---	---

Diagnosis

No corrective action is recommended at this time. The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level has decreased, but is still abnormal. All other 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: VOLVO8882
Unique No: 10078675
Signed: Don Baldrige
Report Date: 08 Aug 2022

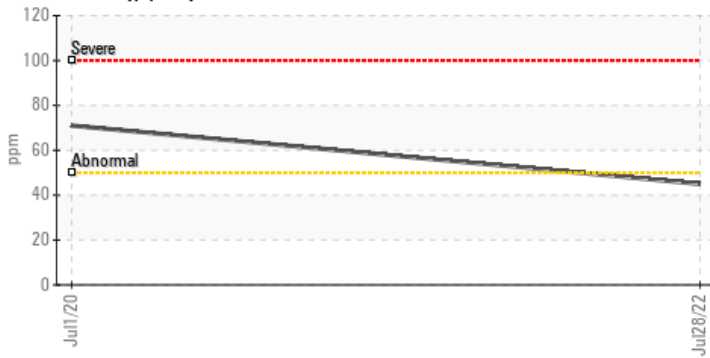


CONSTRUCTION EQUIPMENT



GRAPHS

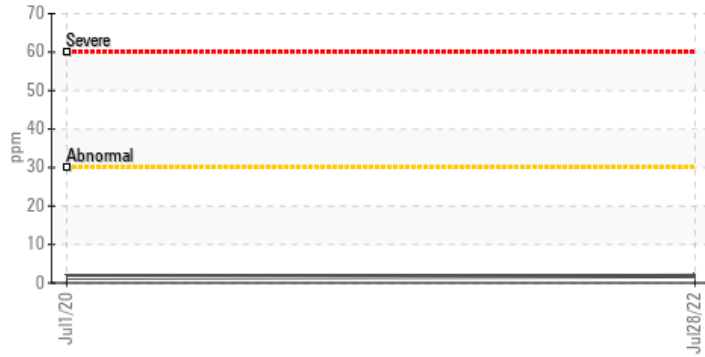
Iron (ppm)



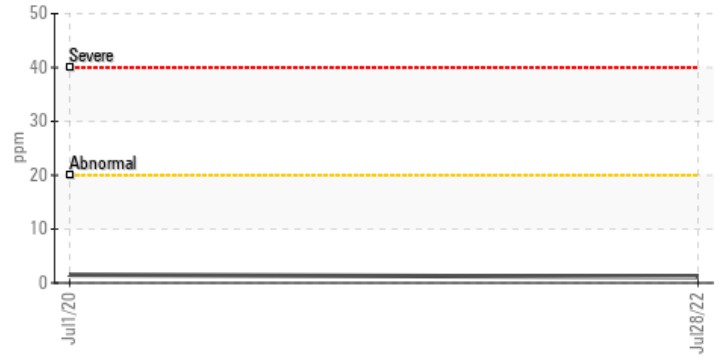
Lead (ppm)



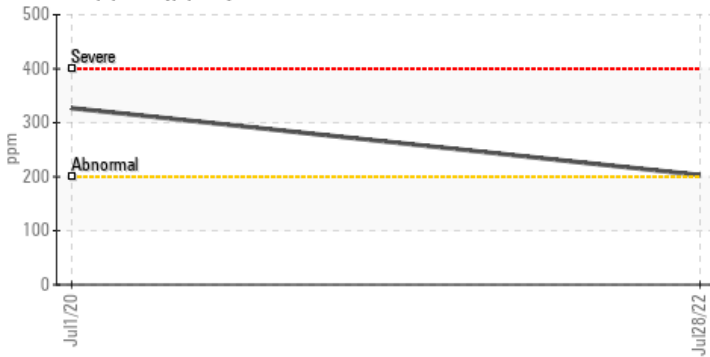
Aluminum (ppm)



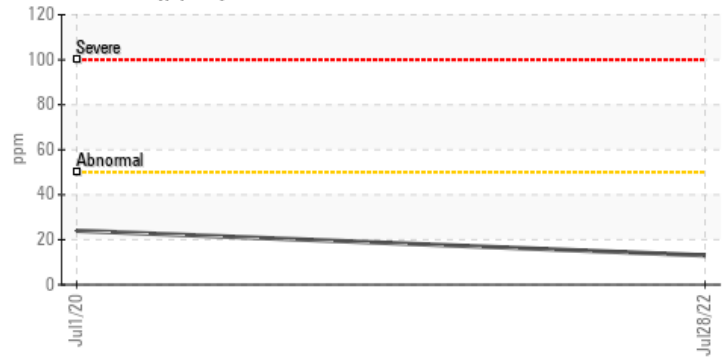
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

