



CONSTRUCTION EQUIPMENT

W07012959 VOLVO A45G 342403 - TRANSMISSION (AUTO)



Sample No: VCP418129

Oil Type: MOBIL ATF

Job No: W07012959



SAMPLE INFORMATION

Sample Number	VCP418129	VCP324872	---	---
Sample Date	11 Jul 2023	09 Jul 2021	---	---
Machine Hours	6966	4166	---	---
Oil Hours	1000	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



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	█ 28.0	█ 26.4	---	---
-------------	-----	--------	--------	-----	-----



CONTAMINATION

Silicon	ppm	█ 7	█ 9	---	---
Sodium	ppm	█ 4	█ 5	---	---
Potassium	ppm	█ 3	█ 2	---	---



WEAR METALS

Iron	ppm	█ 43	█ 66	---	---
Copper	ppm	█ 21	█ 24	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 3	█ 4	---	---
Aluminum	ppm	█ 15	█ 22	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 3	█ 3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 112	█ 83	---	---
Magnesium	ppm	█ 0	█ <1	---	---
Zinc	ppm	█ 8	4	---	---
Phosphorus	ppm	█ 213	█ 153	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 107	█ 81	---	---

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: VOLVO8882
Unique No: 10564029
Signed: Don Baldrige
Report Date: 21 Jul 2023

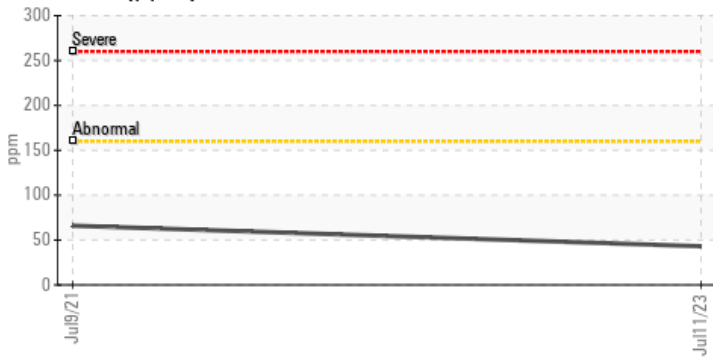


CONSTRUCTION EQUIPMENT



GRAPHS

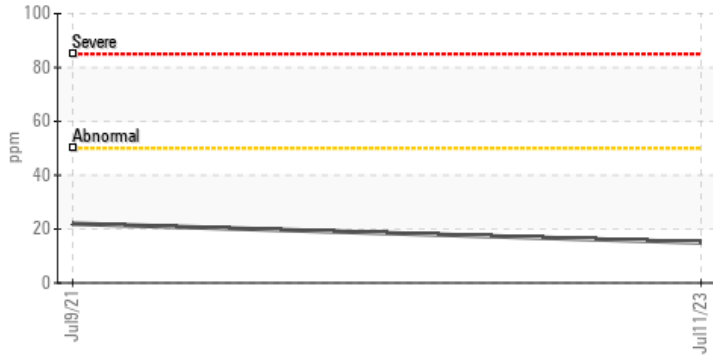
Iron (ppm)



Lead (ppm)



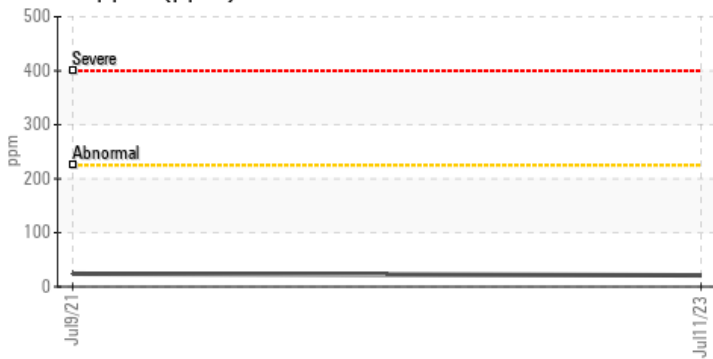
Aluminum (ppm)



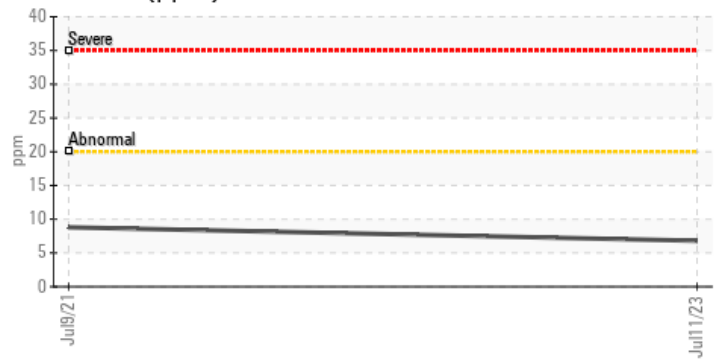
Chromium (ppm)



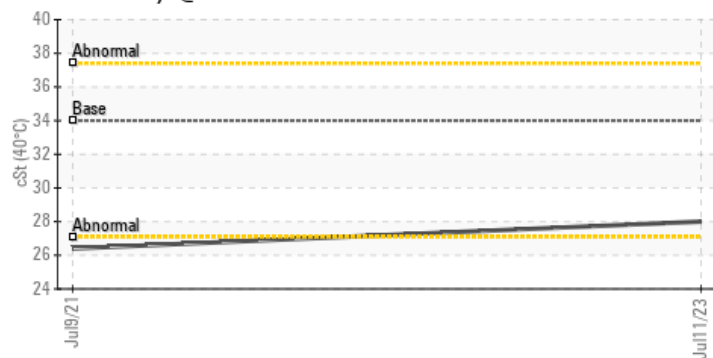
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

