



CONSTRUCTION EQUIPMENT

565152 MOSAIC VOLVO A40G 342363 - BRAKE COOLING SYSTEM



Sample No: VCP411585
Oil Type: VOLVO WB 102
Job No: 565152 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP411585	VCP375844	---	---
Sample Date	05 Jun 2023	22 Jun 2022	---	---
Machine Hours	7605	5980	---	---
Oil Hours	3000	2000	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	44.5	42.6	---	---
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CONTAMINATION

Silicon	ppm	5	16	---	---
Sodium	ppm	2	6	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	17	17	---	---
Copper	ppm	5	91	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	▲ 372	4100	---	---
Magnesium	ppm	9	15	---	---
Zinc	ppm	▲ 494	1673	---	---
Phosphorus	ppm	▲ 392	1288	---	---
Barium	ppm	0	2	---	---
Boron	ppm	▲ 0	151	---	---

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. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.

Depot: VOLVO0093
Unique No: 10551185
Signed: Don Baldrige
Report Date: 13 Jul 2023

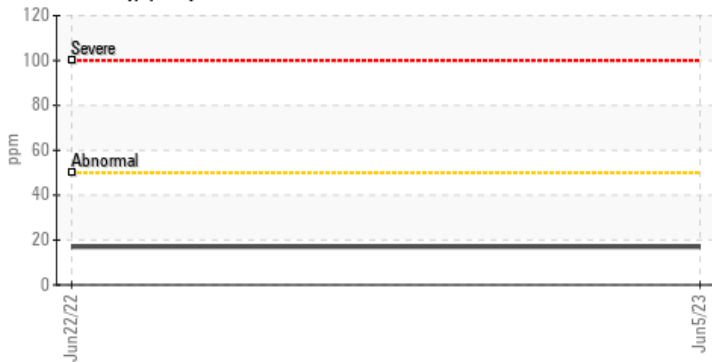


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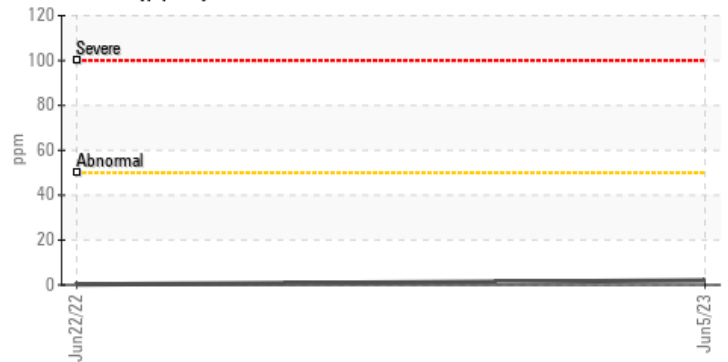


GRAPHS

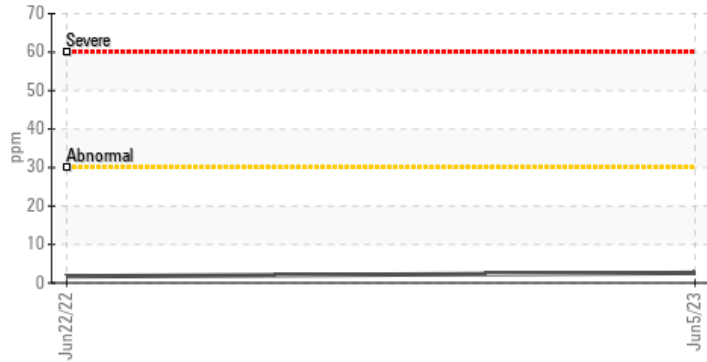
Iron (ppm)



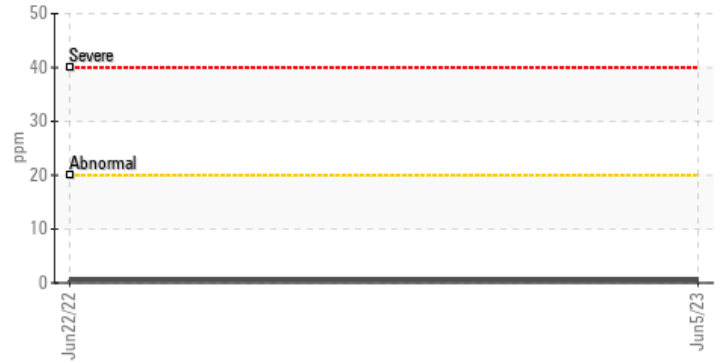
Lead (ppm)



Aluminum (ppm)



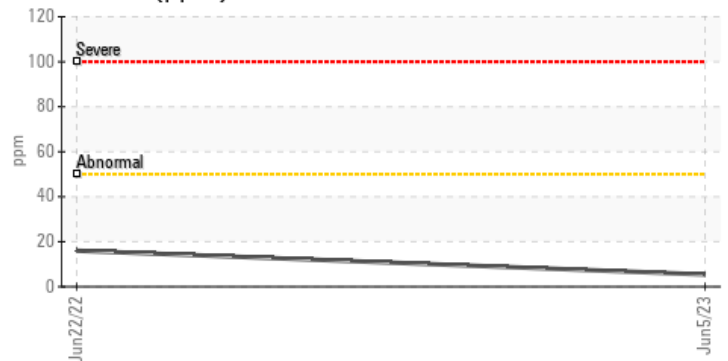
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



▲ Additives

