



CONSTRUCTION EQUIPMENT

529307 WM VOLVO L70G 614364 - TRANSMISSION (AUTO)



Sample No: VCP446422
Oil Type: VOLVO AT 102
Job No: 529307 WM



SAMPLE INFORMATION

Sample Number	VCP446422	VCP439239	---	---
Sample Date	05 Apr 2024	24 Feb 2024	---	---
Machine Hours	17604	17333	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 22.5	█ 22.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 9	█ 11	---	---
Sodium	ppm	█ 7	█ 7	---	---
Potassium	ppm	█ <1	█ 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	█ 70	█ 80	---	---
Copper	ppm	█ 7	█ 8	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 4	█ 4	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 2	█ 2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 84	█ 100	---	---
Magnesium	ppm	█ 0	█ 2	---	---
Zinc	ppm	█ 41	█ 43	---	---
Phosphorus	ppm	█ 248	█ 282	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 98	█ 104	---	---

Depot: VOLVO0096
Unique No: 10969539
Signed: Wes Davis
Report Date: 11 Apr 2024

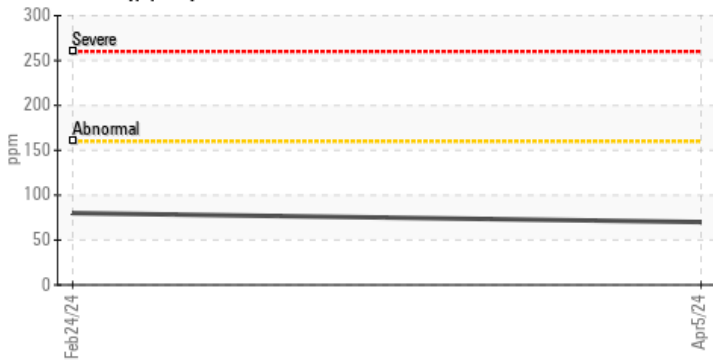


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GRAPHS

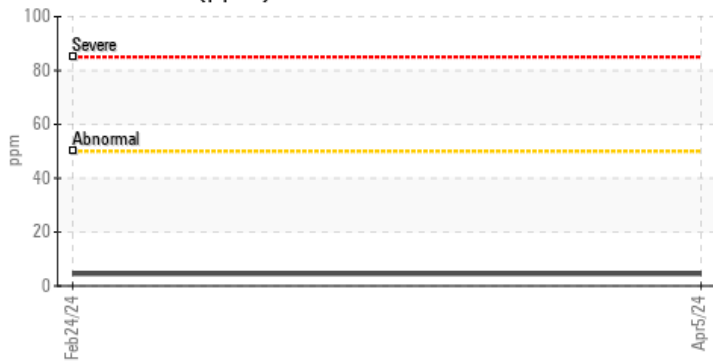
Iron (ppm)



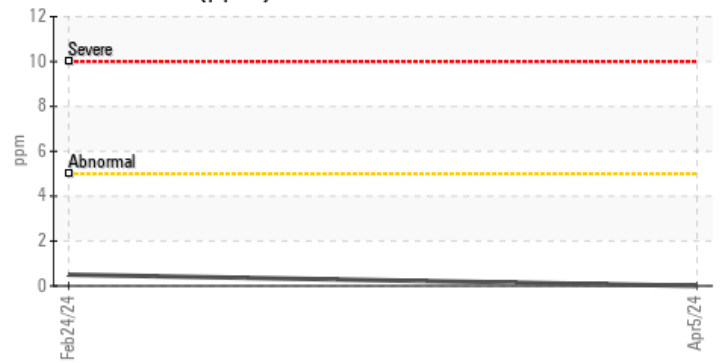
Lead (ppm)



Aluminum (ppm)



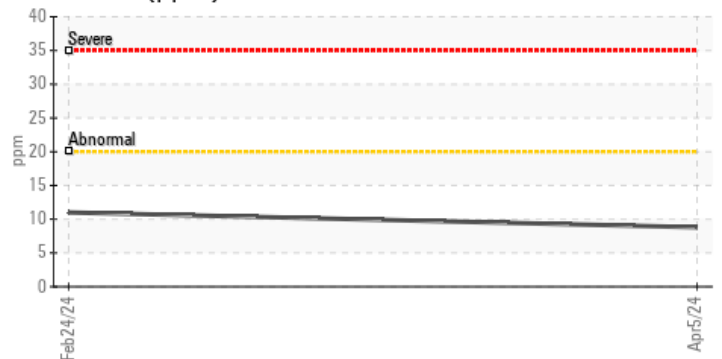
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

