



CONSTRUCTION EQUIPMENT

LKQ MLF-MAR14-018 VOLVO L70G 614241 - TRANSMISSION (AUTO)



Sample No: VCP450478
Oil Type: VOLVO AT 102
Job No: MLF-MAR14-018



SAMPLE INFORMATION

Sample Number	VCP450478	VCP430190	VCE241549	---
Sample Date	21 Mar 2024	10 Jan 2024	18 Dec 2015	---
Machine Hours	16840	16437	2190	---
Oil Hours	1000	0	2000	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
Burlington, ON
CA L7L 4Y1

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OIL CONDITION

Visc @ 40°C	cSt	27.8	26.6	29.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	5	13	---
Sodium	ppm	2	3	4	---
Potassium	ppm	<1	1	2	---



WEAR METALS

Iron	ppm	10	24	50	---
Copper	ppm	3	8	14	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	1	1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	3	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	79	96	258	---
Magnesium	ppm	3	2	24	---
Zinc	ppm	12	22	118	---
Phosphorus	ppm	188	182	257	---
Barium	ppm	0	0	3	---
Boron	ppm	81	67	55	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. The condition of the fluid is acceptable for the time in service.

Depot: VOLV00252
Unique No: 5750126
Signed: Wes Davis
Report Date: 27 Mar 2024

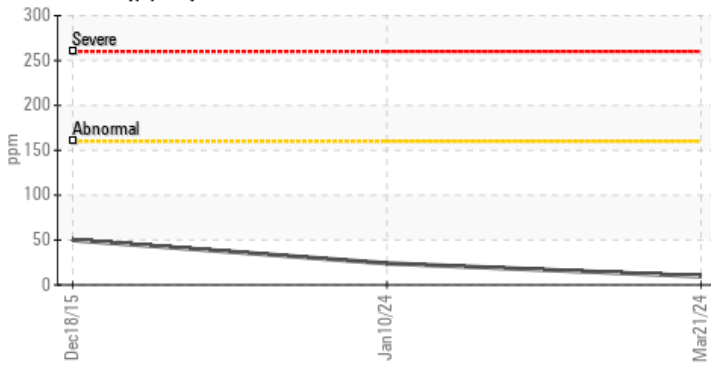


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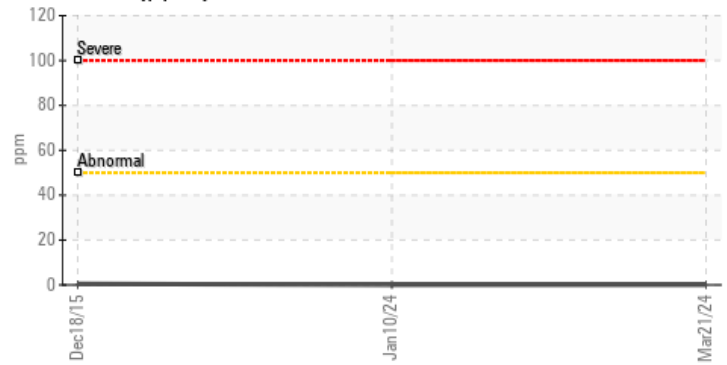


GRAPHS

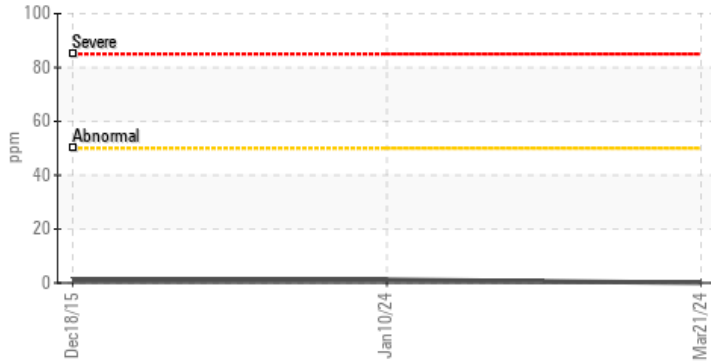
Iron (ppm)



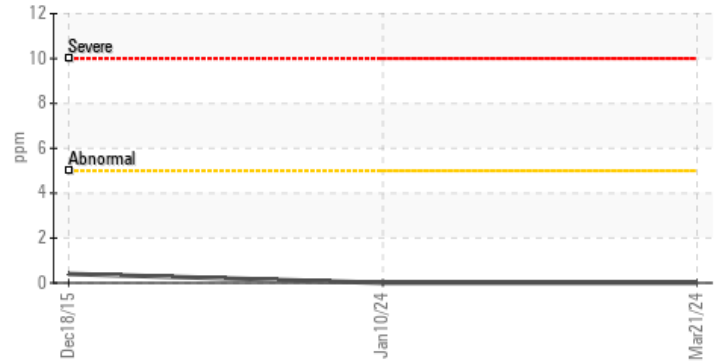
Lead (ppm)



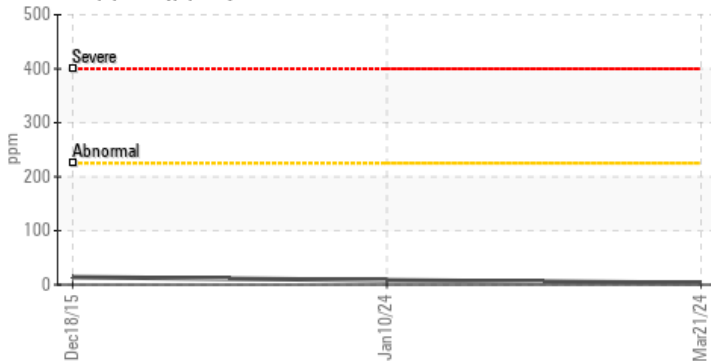
Aluminum (ppm)



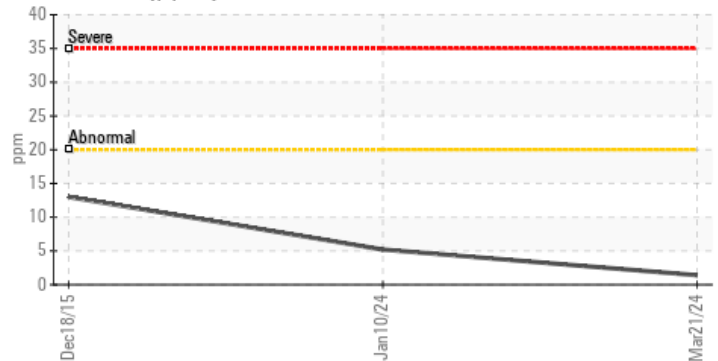
Chromium (ppm)



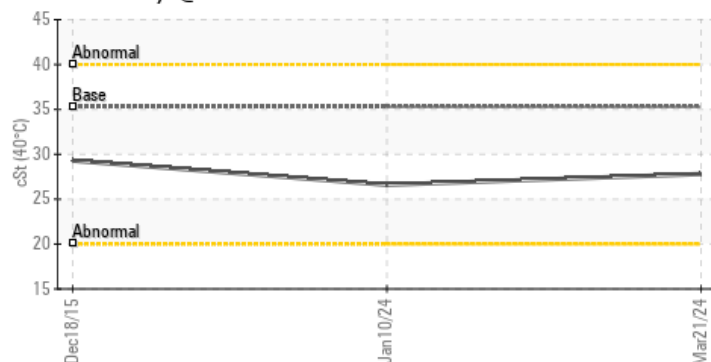
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

