



CONSTRUCTION EQUIPMENT

VOLVO L180H 5717 - TRANSMISSION (AUTO)



Sample No: VCP449619
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP449619	VCP437731	VCP424758	---
Sample Date	08 May 2024	24 Feb 2024	02 Aug 2023	---
Machine Hours	2747	2234	880	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	27.9	27.9	28.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	10	9	---
Sodium	ppm	4	3	3	---
Potassium	ppm	1	3	<1	---

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	46	40	30	---
Copper	ppm	6	6	3	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	4	3	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	78	73	86	---
Magnesium	ppm	0	1	2	---
Zinc	ppm	22	20	7	---
Phosphorus	ppm	187	169	200	---
Barium	ppm	5	6	4	---
Boron	ppm	75	66	82	---

Depot: VOLVO0090
Unique No: 11023695
Signed: Wes Davis
Report Date: 14 May 2024

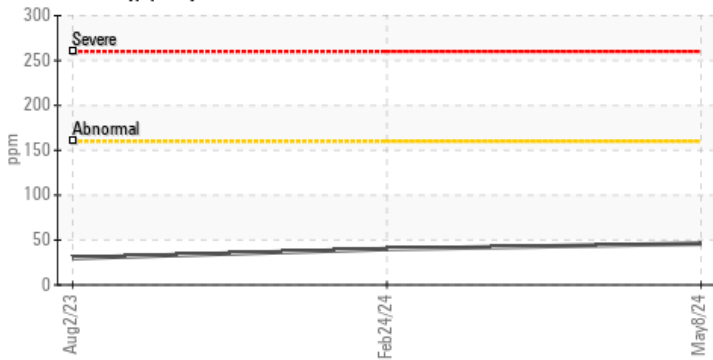


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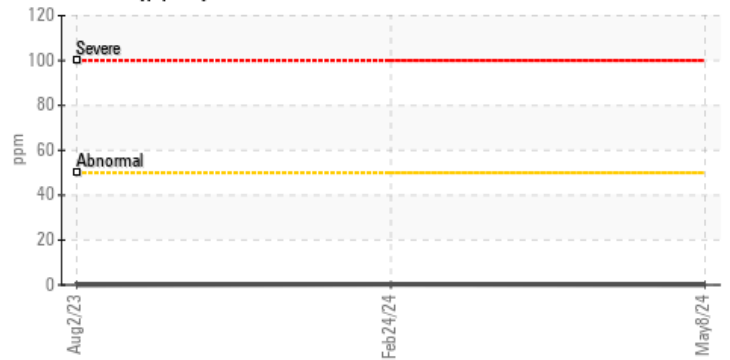


GRAPHS

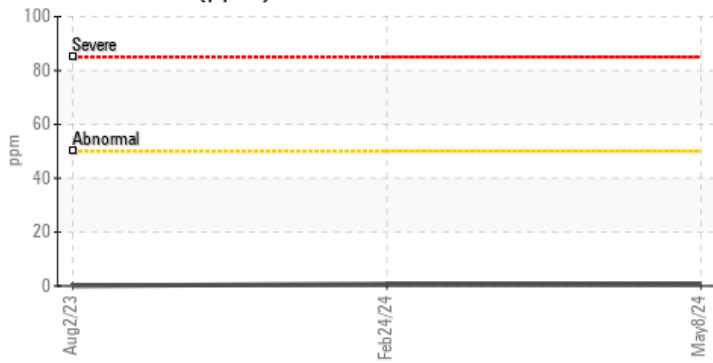
Iron (ppm)



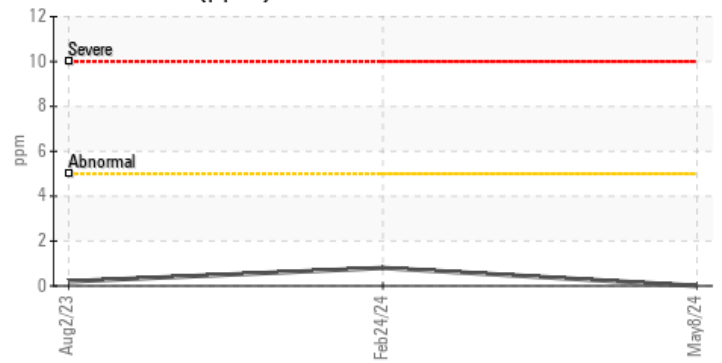
Lead (ppm)



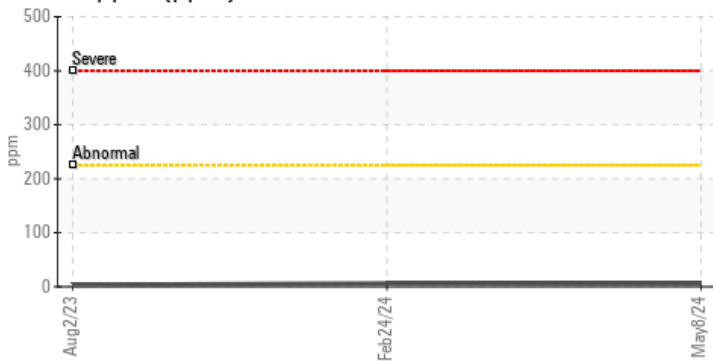
Aluminum (ppm)



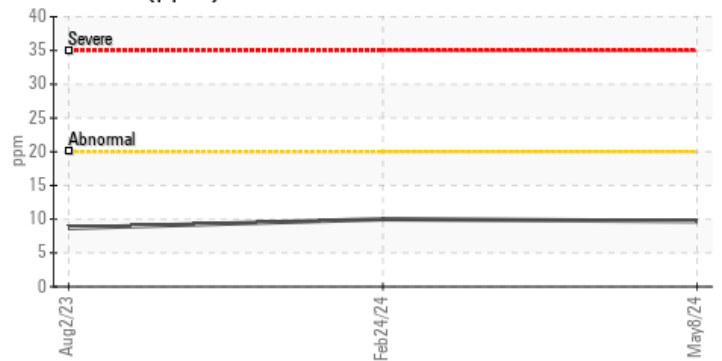
Chromium (ppm)



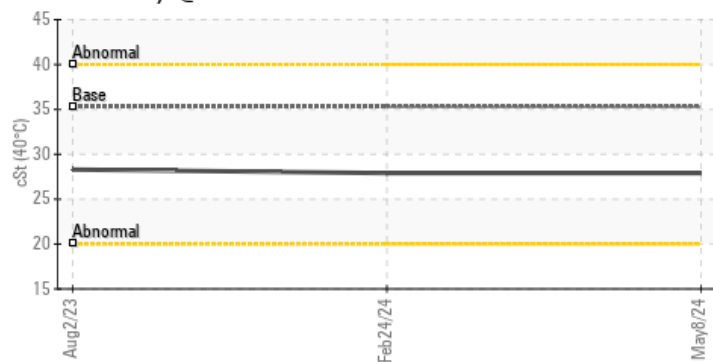
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

