



CONSTRUCTION EQUIPMENT

662078 VOLVO A30F 82303 - TRANSMISSION (AUTO)



Sample No: VCP432042
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 662078



SAMPLE INFORMATION

Sample Number	VCP432042	VCP422764	VCP390274	VCP322026
Sample Date	02 Feb 2024	11 Aug 2023	28 Dec 2022	13 May 2021
Machine Hours	12787	12173	11500	10638
Oil Hours	2000	0	1000	638
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	26.8	26.8	25.4	27.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	5	2
Sodium	ppm	1	4	4	3
Potassium	ppm	0	<1	2	<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	15	18	15	13
Copper	ppm	6	6	7	6
Lead	ppm	3	3	5	3
Tin	ppm	<1	<1	1	1
Aluminum	ppm	9	9	8	3
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	83	80	89	79
Magnesium	ppm	2	1	1	0
Zinc	ppm	3	2	2	0
Phosphorus	ppm	164	160	178	156
Barium	ppm	0	0	0	0
Boron	ppm	70	80	73	106

Depot: RIPTAM
Unique No: 10887410
Signed: Wes Davis
Report Date: 21 Feb 2024

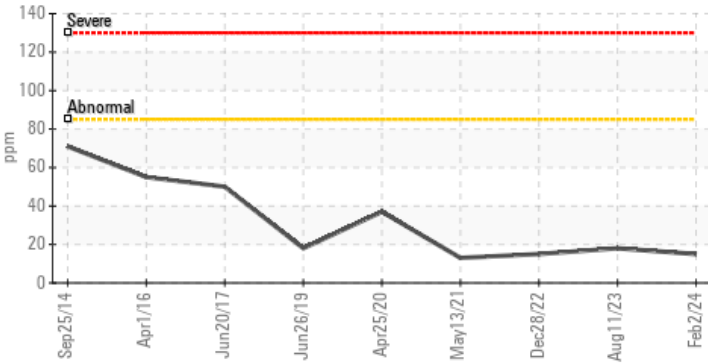


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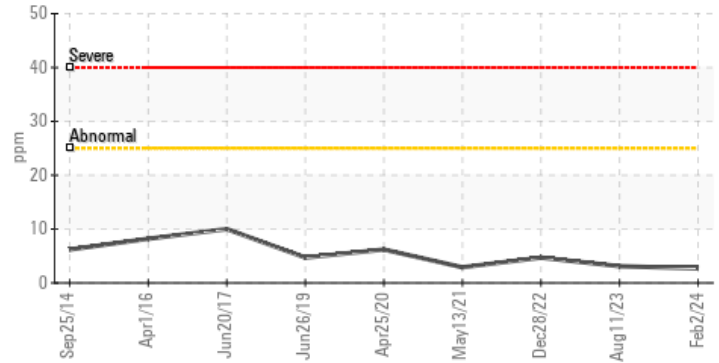


VOLVO GRAPHS

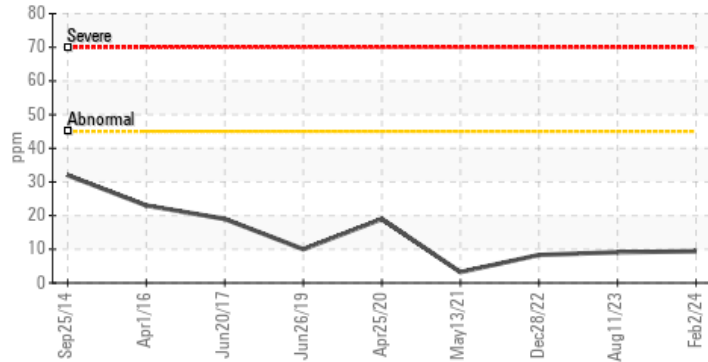
Iron (ppm)



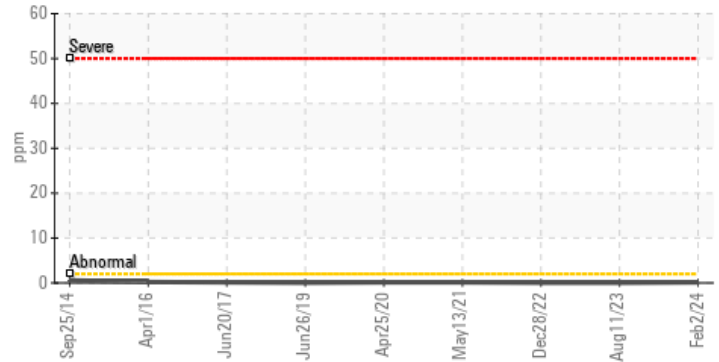
Lead (ppm)



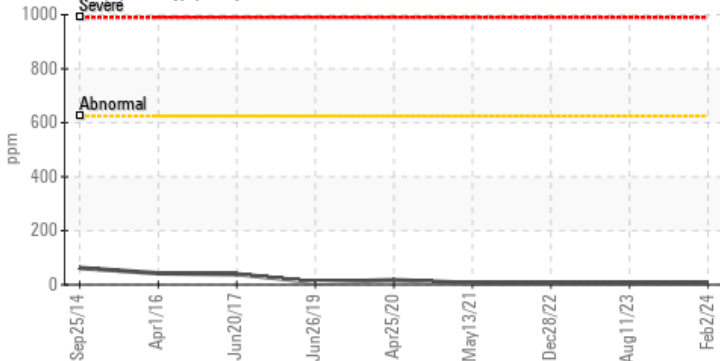
Aluminum (ppm)



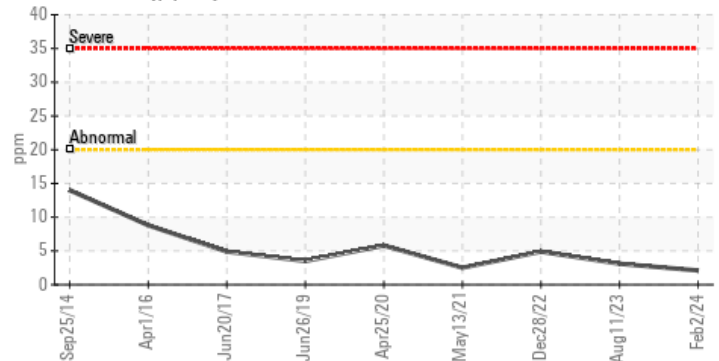
Chromium (ppm)



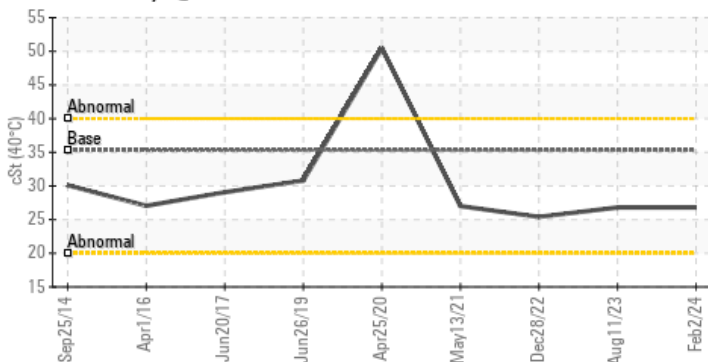
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

