



CONSTRUCTION EQUIPMENT

SWA307696-10 VOLVO A40G 342584 - TRANSMISSION (AUTO)



Sample No: VCP419122
Oil Type: VOLVO AT 102
Job No: SWA307696-10



SAMPLE INFORMATION

Sample Number	VCP419122	VCP315974	VCP323574	VCP321462
Sample Date	19 Aug 2023	17 Mar 2022	17 Dec 2021	03 Sep 2021
Machine Hours	8359	5285	4805	4228
Oil Hours	0	1000	500	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

THALLE INDUSTRIES

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OIL CONDITION

Visc @ 40°C	cSt	28.3	29.0	28.1	27.4
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CONTAMINATION

Silicon	ppm	4	6	6	6
Sodium	ppm	0	0	11	3
Potassium	ppm	2	2	<1	0

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	14	28	22	36
Copper	ppm	11	12	13	34
Lead	ppm	0	0	0	0
Tin	ppm	2	2	2	4
Aluminum	ppm	7	7	9	20
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	1	0	2	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	91	82	111
Magnesium	ppm	2	3	3	9
Zinc	ppm	6	10	3	35
Phosphorus	ppm	188	187	175	185
Barium	ppm	0	0	0	0
Boron	ppm	112	94	81	64

Depot: THAFIS
Unique No: 10617718
Signed: Wes Davis
Report Date: 24 Aug 2023

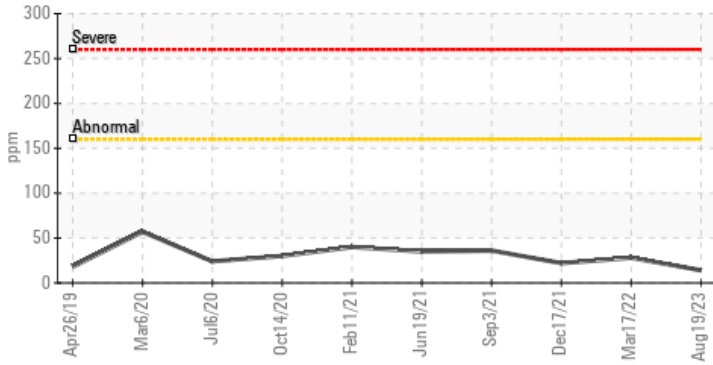


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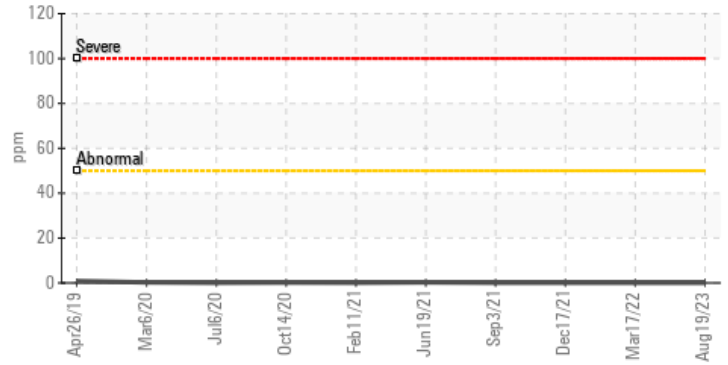


VOLVO GRAPHS

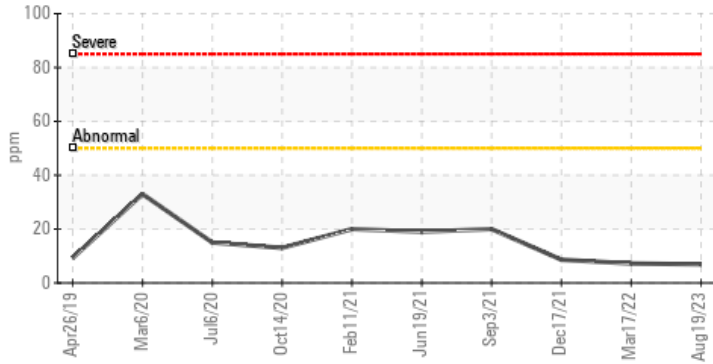
Iron (ppm)



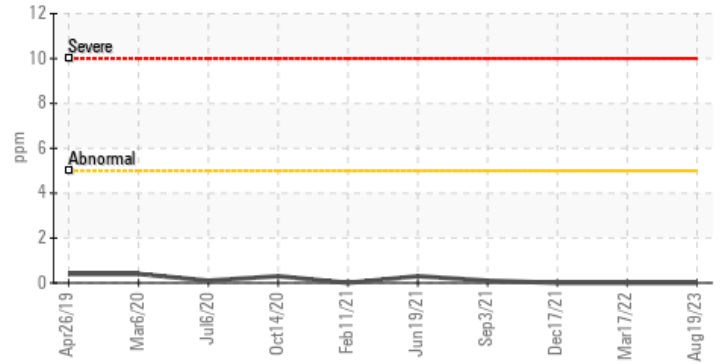
Lead (ppm)



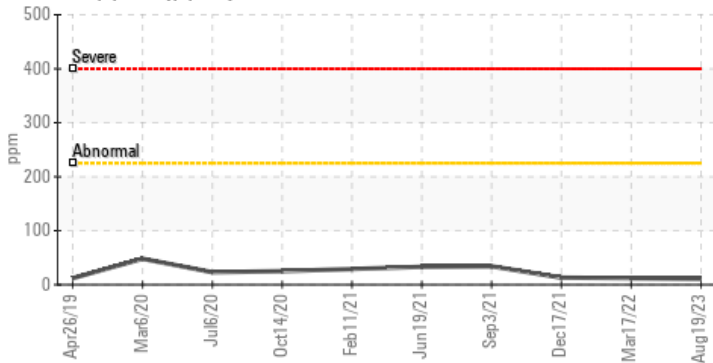
Aluminum (ppm)



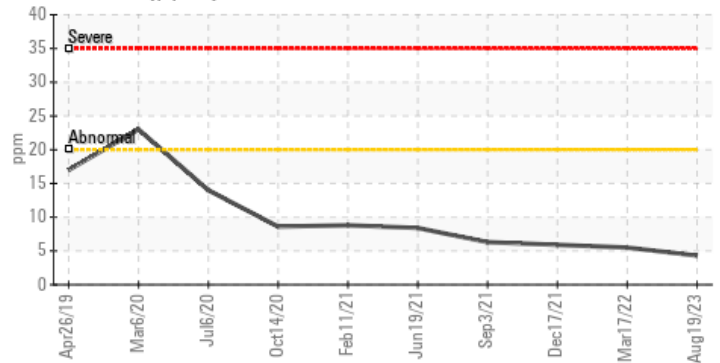
Chromium (ppm)



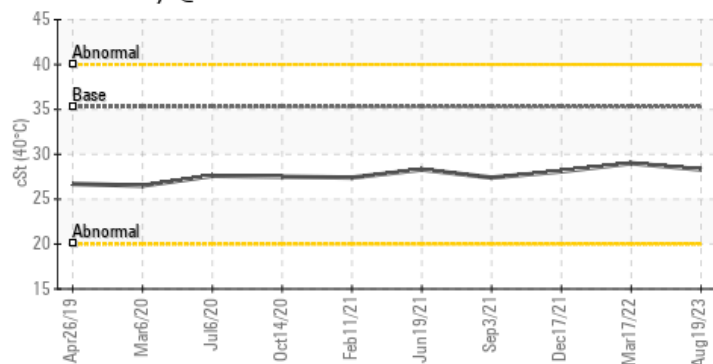
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

