



CONSTRUCTION EQUIPMENT

VOLVO A40G 342252 - TRANSMISSION (AUTO)



Sample No: VCP441991

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP441991	VCP401116	VCP398011	VCP385245
Sample Date	06 Feb 2024	30 Oct 2023	29 Aug 2023	06 Jun 2023
Machine Hours	11740	11266	10867	10425
Oil Hours	474	399	442	465
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	31.8	30.1	28.4	30.8
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CONTAMINATION

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



ADDITIVES

Calcium	ppm	223	186	178	275
Magnesium	ppm	23	6	8	16
Zinc	ppm	53	50	32	85
Phosphorus	ppm	329	248	251	280
Barium	ppm	12	0	0	0
Boron	ppm	108	102	91	105

Depot: SCHGRE
Unique No: 10876617
Signed: Wes Davis
Report Date: 15 Feb 2024

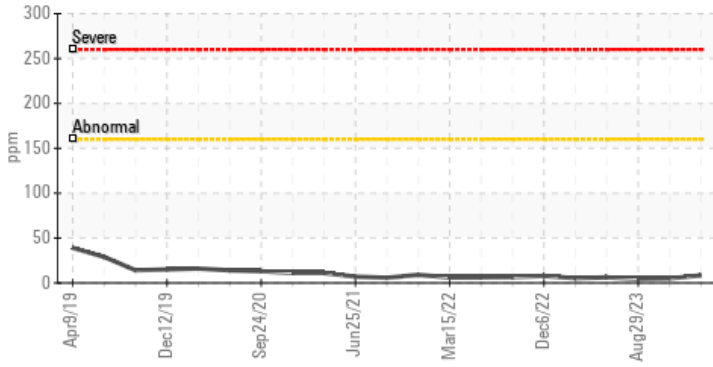


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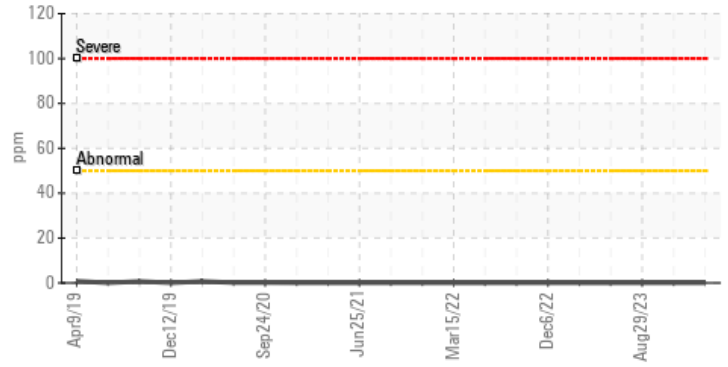


GRAPHS

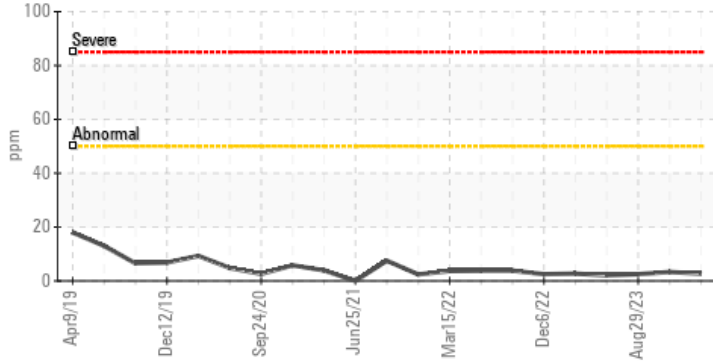
Iron (ppm)



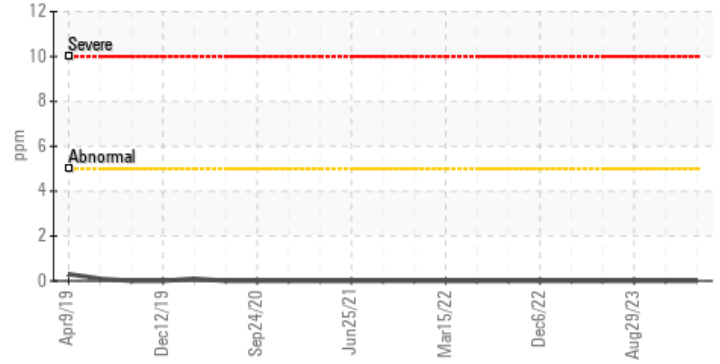
Lead (ppm)



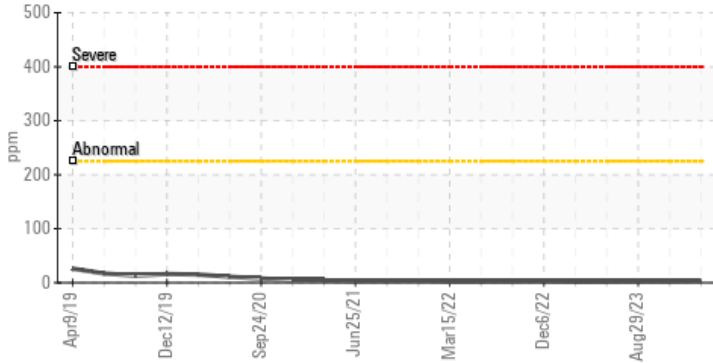
Aluminum (ppm)



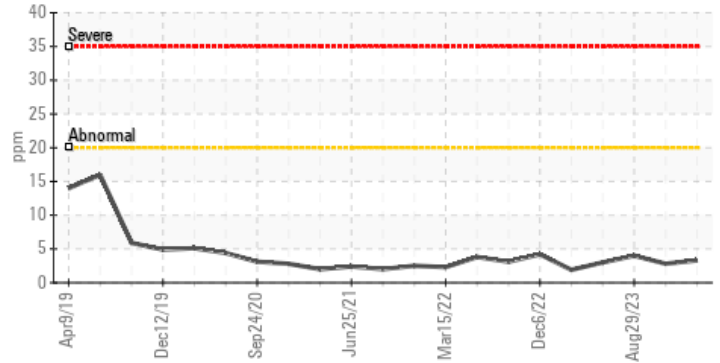
Chromium (ppm)



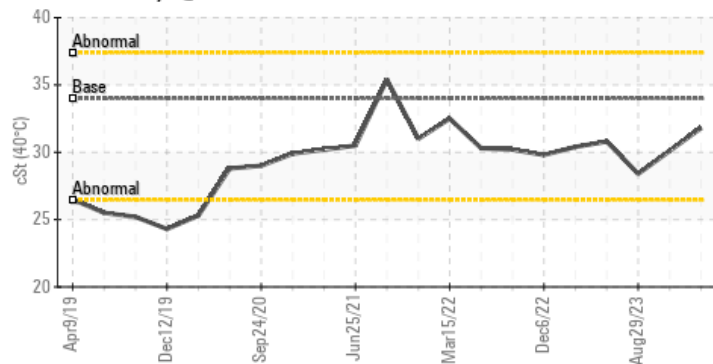
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

