



CONSTRUCTION EQUIPMENT

VOLVO A40F 12382 - TRANSMISSION (AUTO)



Sample No: VCP435799

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP435799	VCP307520	VCP404868	VCP401035
Sample Date	22 Apr 2024	30 Jan 2024	26 Jul 2023	16 May 2023
Machine Hours	15127	14544	13692	13254
Oil Hours	583	552	438	459
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	32.0	29.3	28.8	28.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	4
Sodium	ppm	2	3	2	<1
Potassium	ppm	<1	0	<1	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	3	10	21
Copper	ppm	4	7	4	9
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	<1	1
Aluminum	ppm	5	6	4	7
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	2
Nickel	ppm	0	<1	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	119	179	139	201
Magnesium	ppm	2	10	7	12
Zinc	ppm	13	39	19	58
Phosphorus	ppm	243	239	261	260
Barium	ppm	0	0	0	0
Boron	ppm	111	121	113	107

Depot: SCHGRE
Unique No: 11005693
Signed: Jonathan Hester
Report Date: 03 May 2024

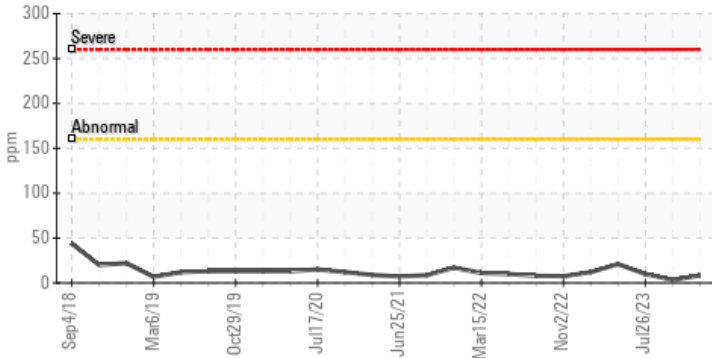


CONSTRUCTION EQUIPMENT

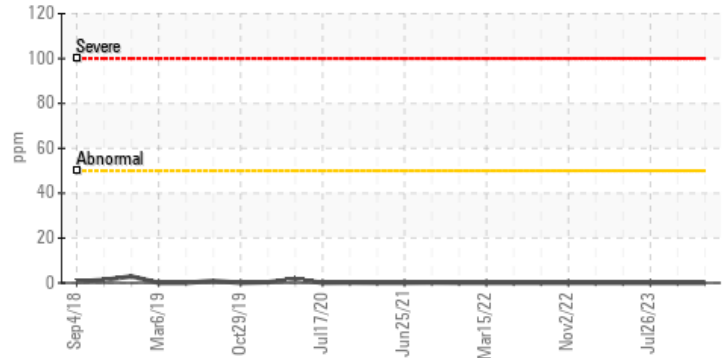


VOLVO GRAPHS

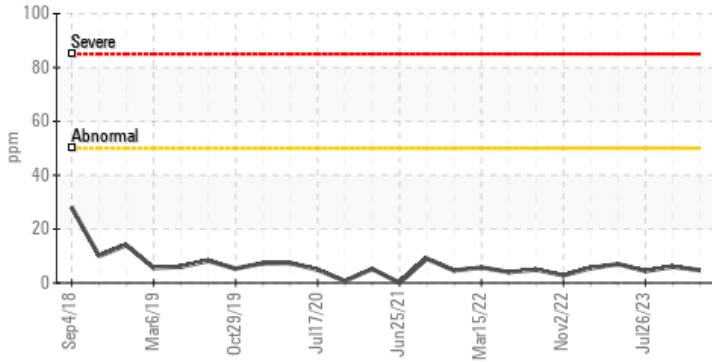
Iron (ppm)



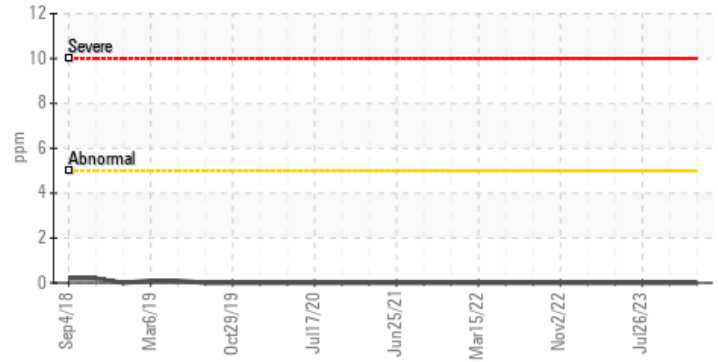
Lead (ppm)



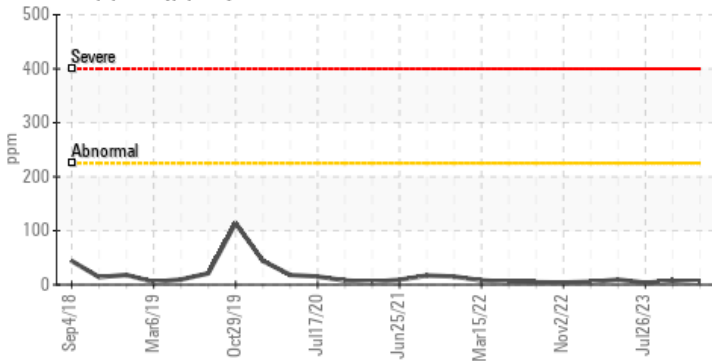
Aluminum (ppm)



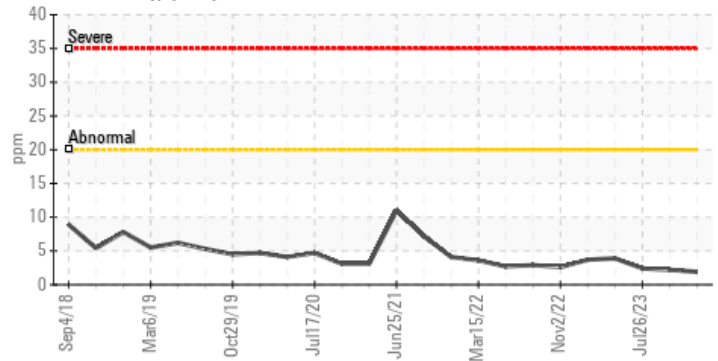
Chromium (ppm)



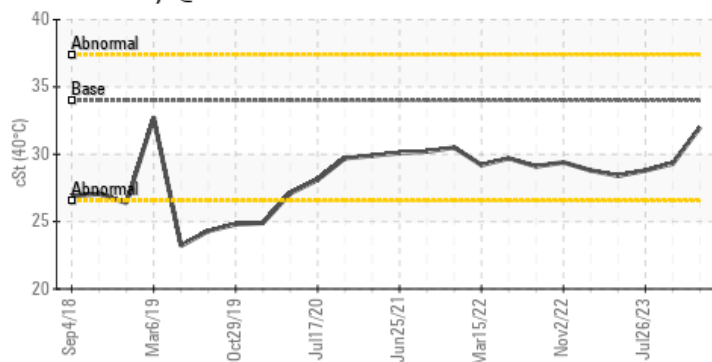
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

