



CONSTRUCTION EQUIPMENT

VOLVO A40F 12386 - TRANSMISSION (AUTO)



Sample No: VCP447705

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP447705	VCP435808	VCP331516	VCP362618
Sample Date	26 Jun 2024	22 Feb 2024	05 Feb 2024	19 Oct 2023
Machine Hours	13301	12894	12336	11856
Oil Hours	407	558	486	474
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.0	28.9	28.5	28.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	3
Sodium	ppm	4	2	3	0
Potassium	ppm	2	<1	0	2

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	7	10	1	11
Copper	ppm	47	48	57	83
Lead	ppm	0	<1	<1	0
Tin	ppm	2	3	3	4
Aluminum	ppm	5	6	7	4
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	89	118	98	155
Magnesium	ppm	2	2	2	6
Zinc	ppm	5	14	3	27
Phosphorus	ppm	246	246	218	248
Barium	ppm	<1	0	0	0
Boron	ppm	109	112	132	108

Depot: SCHGRE
Unique No: 11111497
Signed: Wes Davis
Report Date: 05 Jul 2024

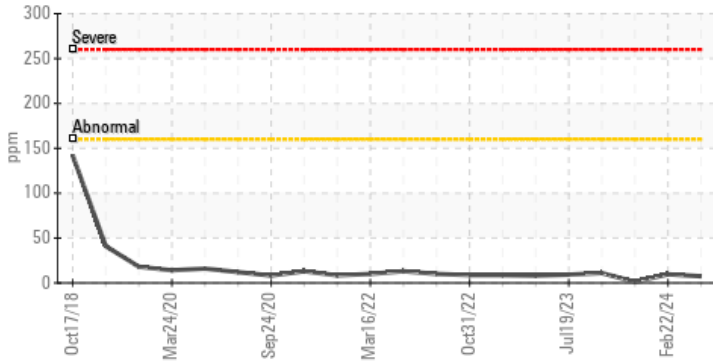


CONSTRUCTION EQUIPMENT

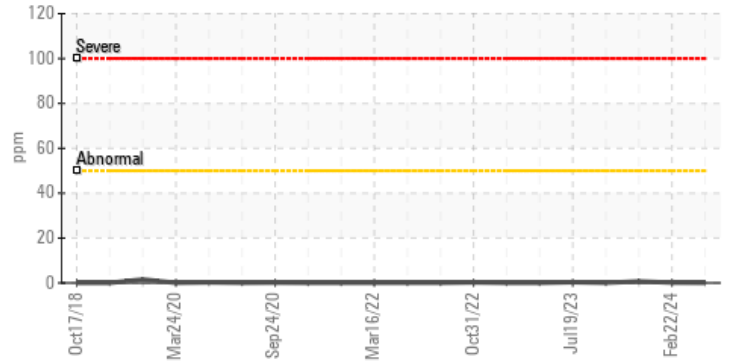


GRAPHS

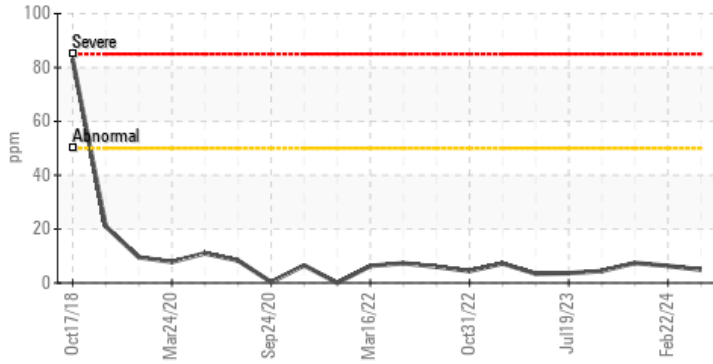
Iron (ppm)



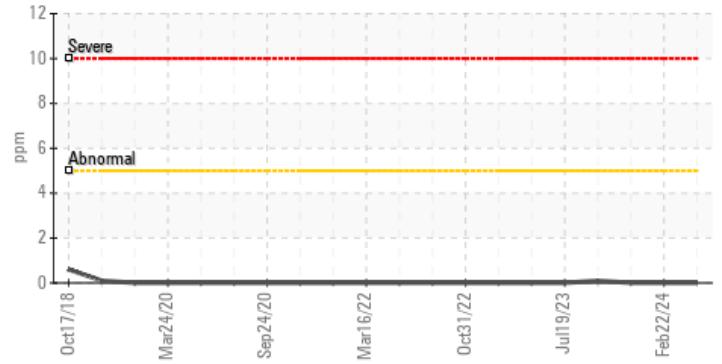
Lead (ppm)



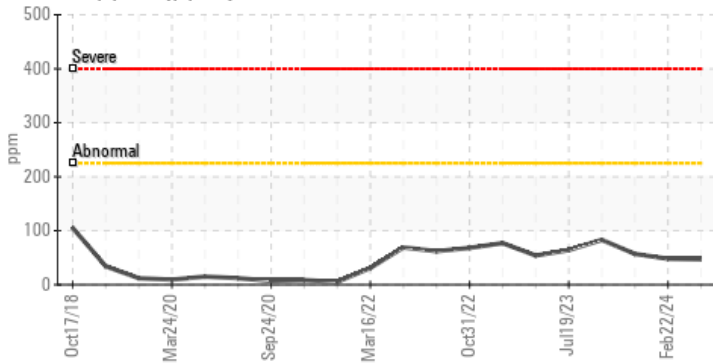
Aluminum (ppm)



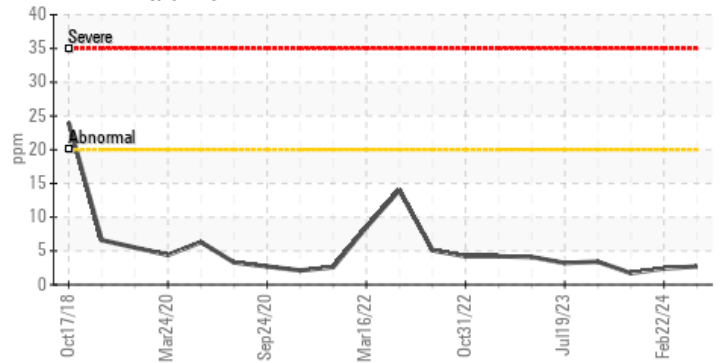
Chromium (ppm)



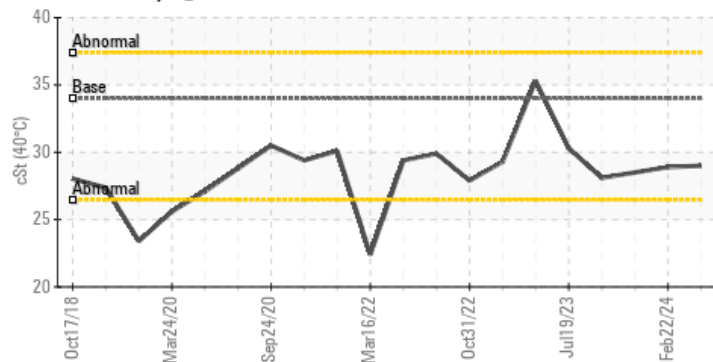
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

