



CONSTRUCTION EQUIPMENT

VOLVO A40G 342010 - TRANSMISSION (AUTO)



Sample No: VCP447430

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP447430	VCP447495	VCP413267	---
Sample Date	09 Jul 2024	07 May 2024	06 Feb 2024	---
Machine Hours	10091	9640	9222	---
Oil Hours	451	418	517	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	29.1	29.2	29.1	---
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CONTAMINATION

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



ADDITIVES

Calcium	ppm	77	80	82	---
Magnesium	ppm	0	<1	0	---
Zinc	ppm	0	7	0	---
Phosphorus	ppm	217	228	224	---
Barium	ppm	0	0	0	---
Boron	ppm	92	117	141	---

Depot: SCHGRE
Unique No: 11129676
Signed: Wes Davis
Report Date: 19 Jul 2024

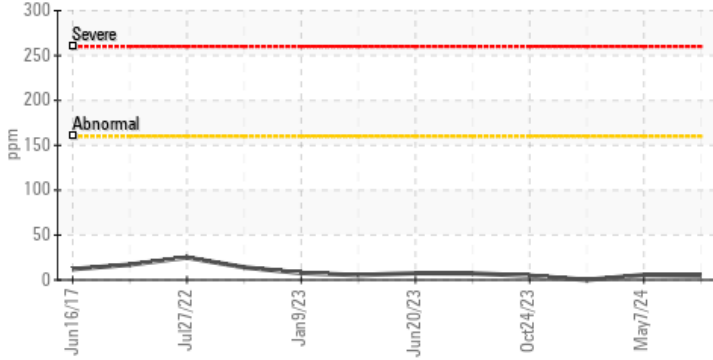


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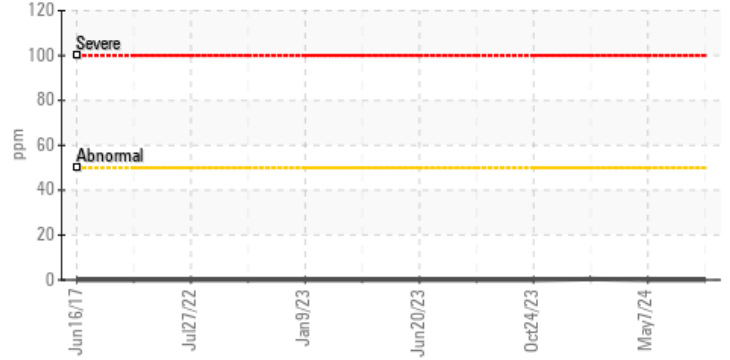


GRAPHS

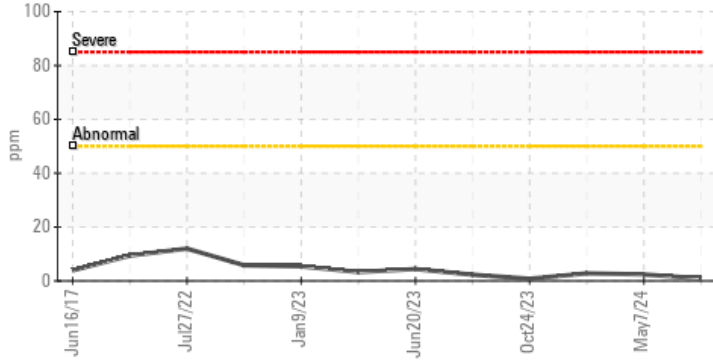
Iron (ppm)



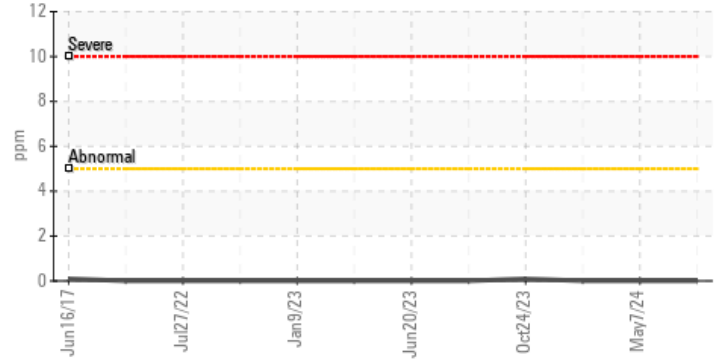
Lead (ppm)



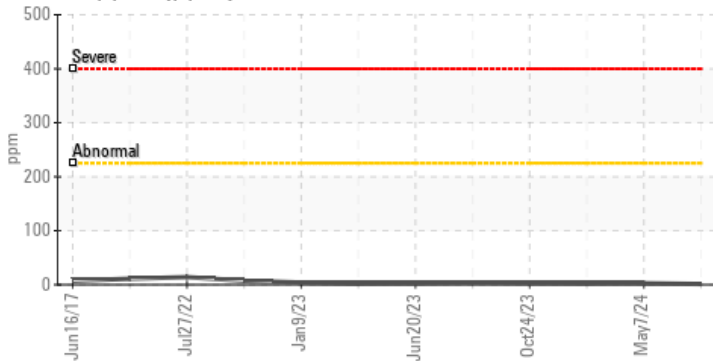
Aluminum (ppm)



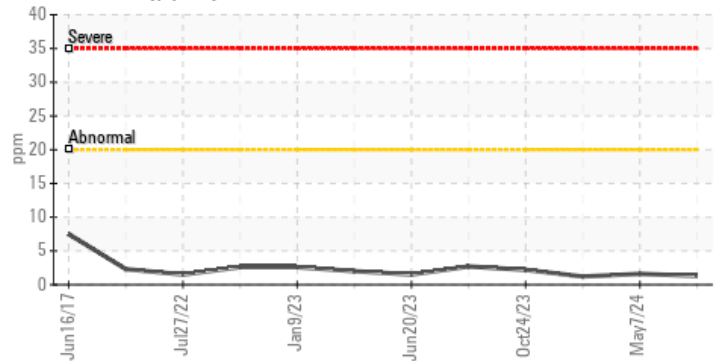
Chromium (ppm)



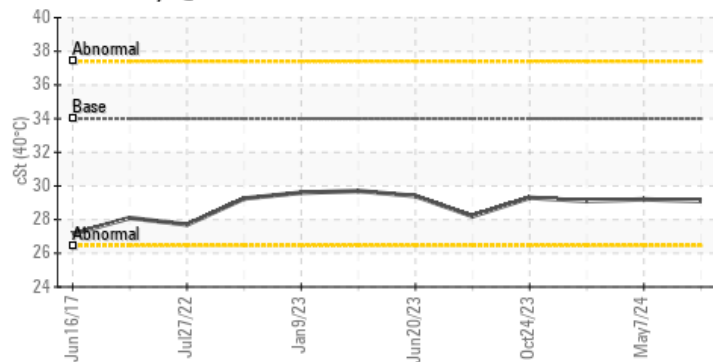
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

