



CONSTRUCTION EQUIPMENT

511389 WM VOLVO L70H 622630 - TRANSMISSION (AUTO)



Sample No: VCP455298
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 511389 WM



SAMPLE INFORMATION

Sample Number	VCP455298	VCP431586	VCP417627	VCP421508
Sample Date	15 Mar 2024	15 Dec 2023	07 Jul 2023	16 May 2023
Machine Hours	11764	11214	10741	10311
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WASTE MANAGEMENT

4986 LB MCLEOD RD.
 ORLANDO, FL
 US 32811
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	27.7	29.0	27.5	27.4
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T: (407)481-2530
 F: (407)843-0614



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	2	5	5
Sodium	ppm	6	0	6	6
Potassium	ppm	4	0	<1	4

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	31	1	29	25
Copper	ppm	7	<1	3	4
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	4	0	3	3
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	0	0	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	80	56	68	74
Magnesium	ppm	2	0	0	4
Zinc	ppm	12	0	6	5
Phosphorus	ppm	172	154	183	192
Barium	ppm	0	0	0	0
Boron	ppm	64	104	63	58

Depot: WASORL
Unique No: 10938274
Signed: Don Baldrige
Report Date: 23 Mar 2024

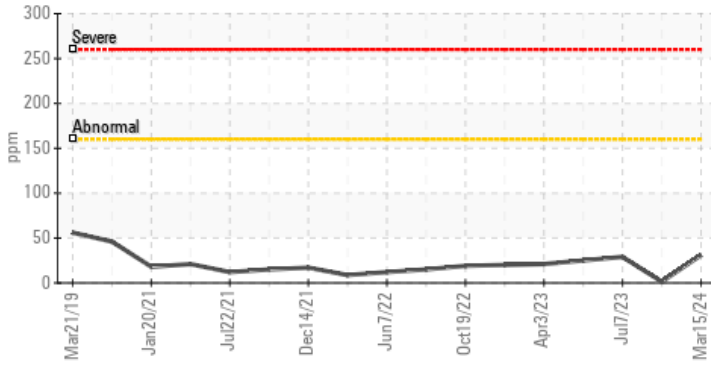


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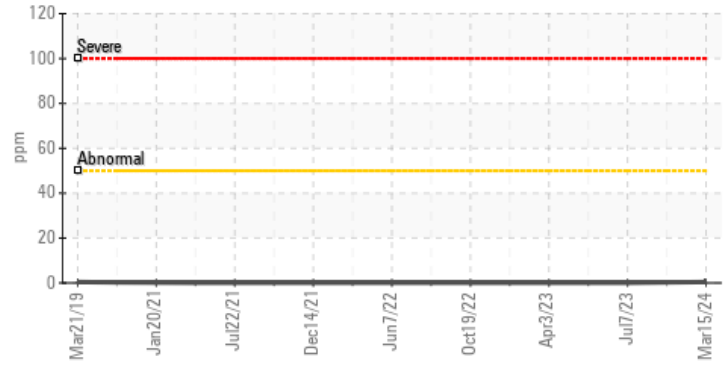


GRAPHS

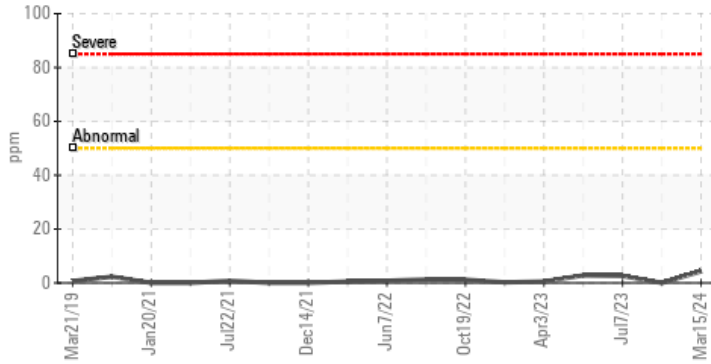
Iron (ppm)



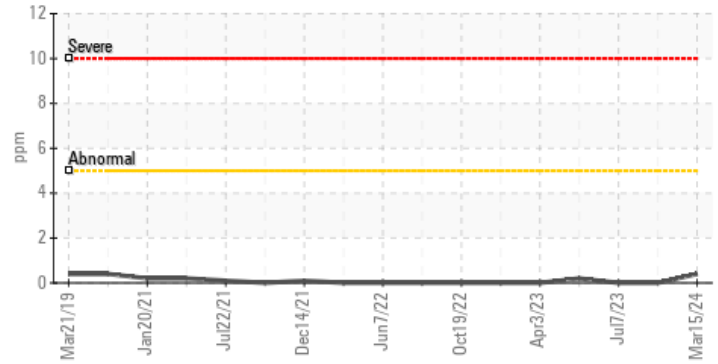
Lead (ppm)



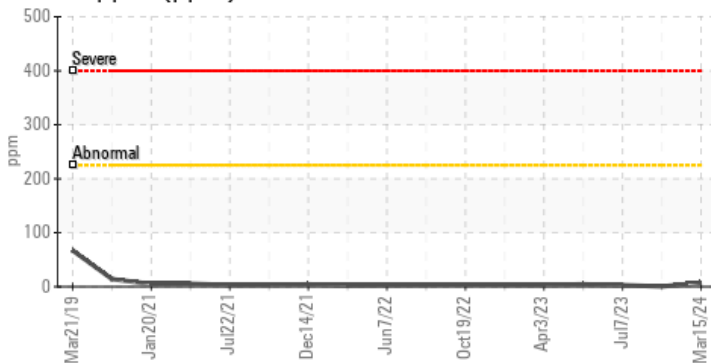
Aluminum (ppm)



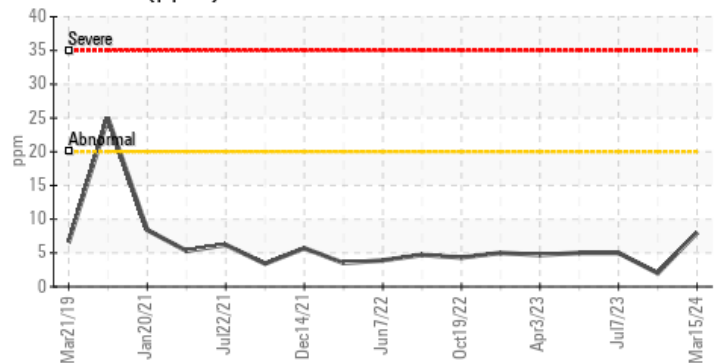
Chromium (ppm)



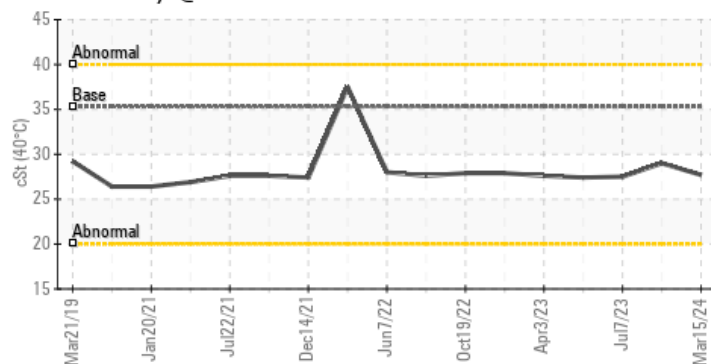
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

