



CONSTRUCTION EQUIPMENT

717425 5378 VOLVO L180H 5378 - TRANSMISSION (AUTO)



Sample No: VCP447005
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 717425



SAMPLE INFORMATION

Sample Number	VCP447005	DJJ022636	VCP433360	VCP312215
Sample Date	05 Jun 2024	05 Apr 2024	22 Nov 2023	03 May 2021
Machine Hours	8050	7610	6747	626
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

TRADEMARK METALS RECYCLING - EVERGLADES
 3440 NW 135TH ST
 OPA LOCKA, FL
 US 33054
 Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	27.9	28.0	26.1	28.7
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T:
 F: (305)681-4914



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	5	5
Sodium	ppm	4	3	2	2
Potassium	ppm	4	0	2	<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	127	144	274	50
Copper	ppm	6	3	6	3
Lead	ppm	3	0	0	0
Tin	ppm	1	0	0	0
Aluminum	ppm	1	0	1	<1
Chromium	ppm	1	1	3	<1
Molybdenum	ppm	2	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	5	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	72	78	108	100
Magnesium	ppm	2	<1	0	<1
Zinc	ppm	9	8	8	17
Phosphorus	ppm	145	165	135	179
Barium	ppm	0	<1	0	0
Boron	ppm	60	70	50	66

Depot: TRAOPA
Unique No: 11074442
Signed: Don Baldrige
Report Date: 13 Jun 2024

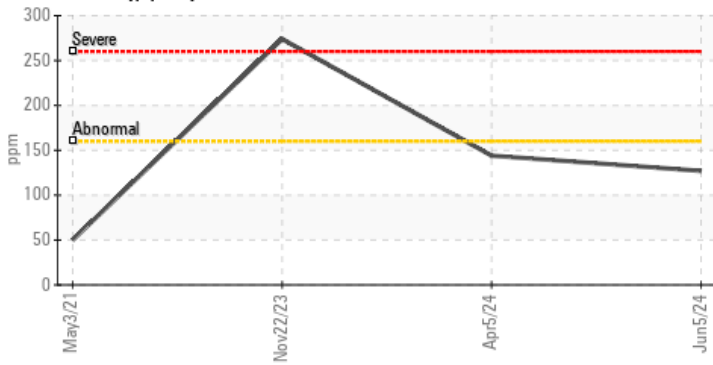


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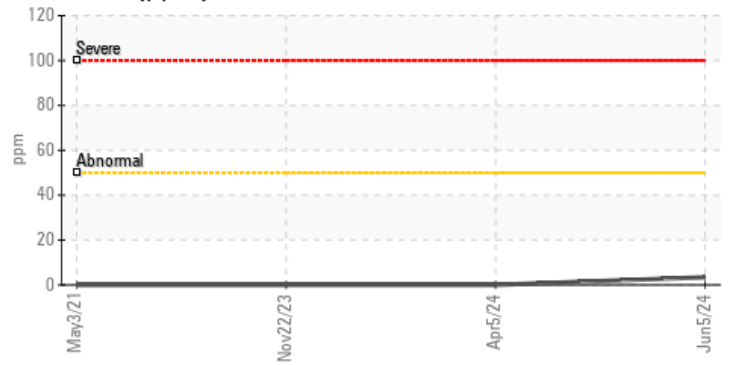


GRAPHS

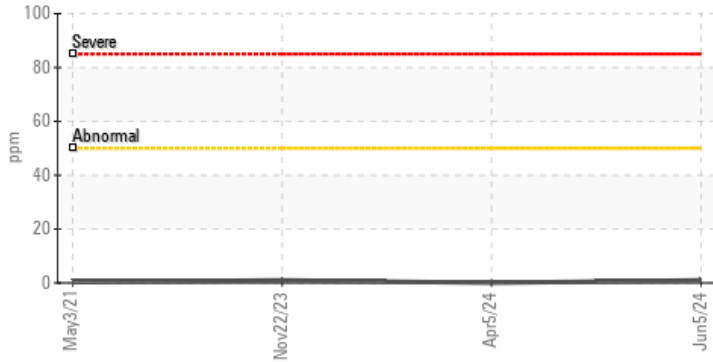
Iron (ppm)



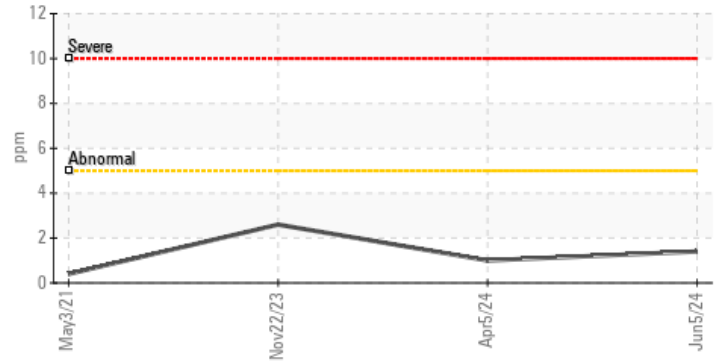
Lead (ppm)



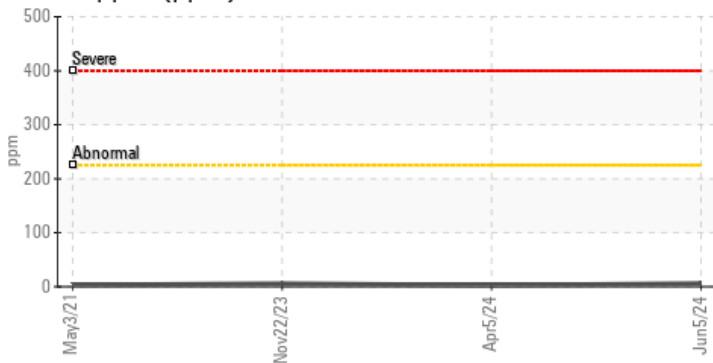
Aluminum (ppm)



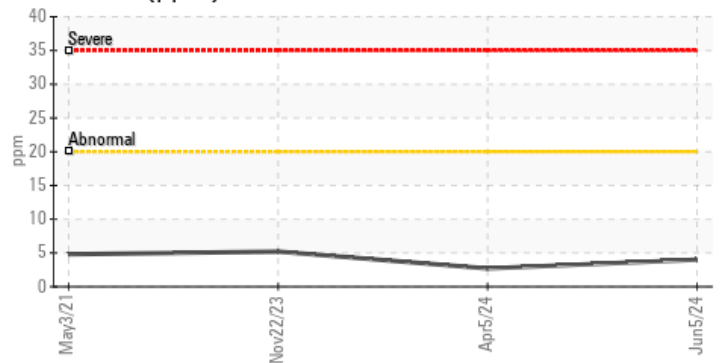
Chromium (ppm)



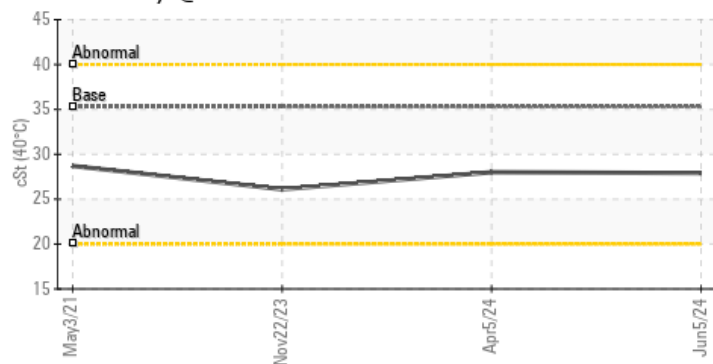
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

