



CONSTRUCTION EQUIPMENT

702593 5729 VOLVO L180 5729 - TRANSMISSION (AUTO)



Sample No: VCP449808
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 702593



SAMPLE INFORMATION

Sample Number	VCP449808	VCP446629	VCP432396	VCP422011
Sample Date	22 Apr 2024	13 Feb 2024	04 Dec 2023	15 Aug 2023
Machine Hours	3545	2754	2153	724
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

TRADEMARK METALS RECYCLING - SUTTON
 5220 DOVER STREET
 TAMPA, FL
 US 33619
 Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	28.4	28.1	28.3	28.7
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T:
 F: (813)677-3007



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	9	8	8
Sodium	ppm	4	0	5	3
Potassium	ppm	2	3	2	2

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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	169	157	114	59
Copper	ppm	6	7	6	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	0	<1
Chromium	ppm	2	<1	1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	6	5	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	98	75	78	82
Magnesium	ppm	3	1	<1	<1
Zinc	ppm	34	19	15	12
Phosphorus	ppm	211	183	188	193
Barium	ppm	4	4	2	1
Boron	ppm	66	78	81	78

Depot: TRATAMFL
Unique No: 11005685
Signed: Don Baldrige
Report Date: 03 May 2024

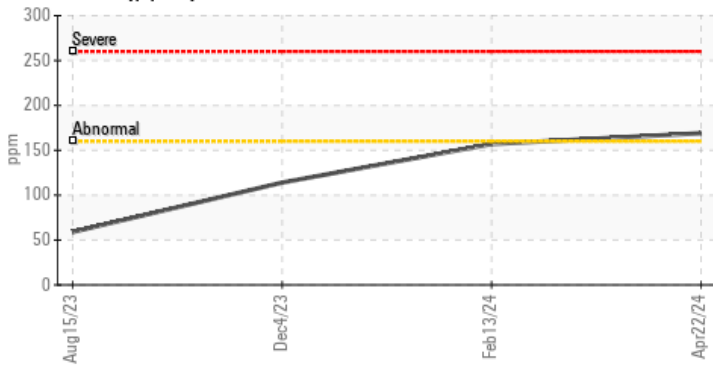


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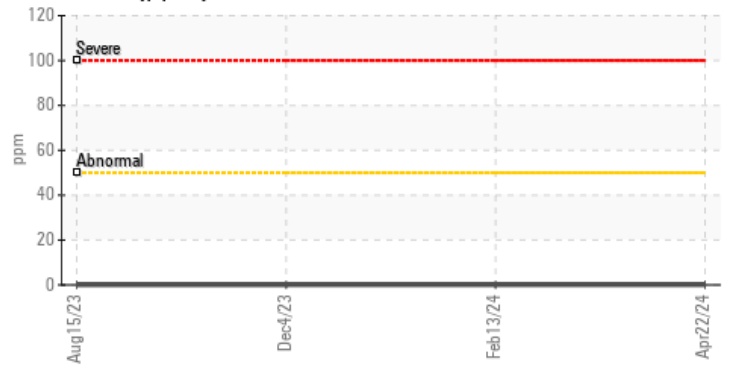


GRAPHS

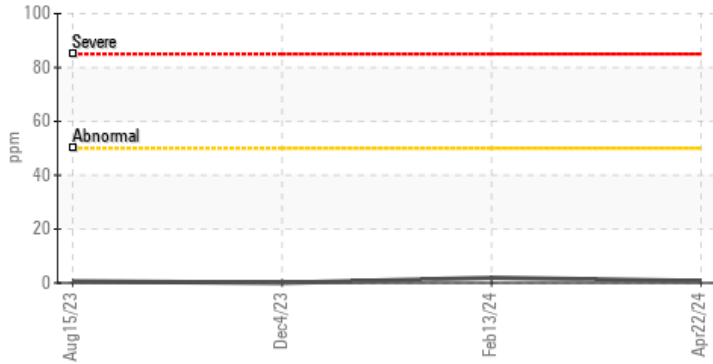
▲ Iron (ppm)



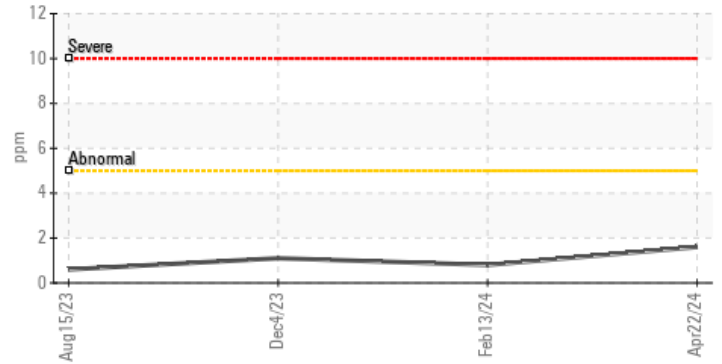
Lead (ppm)



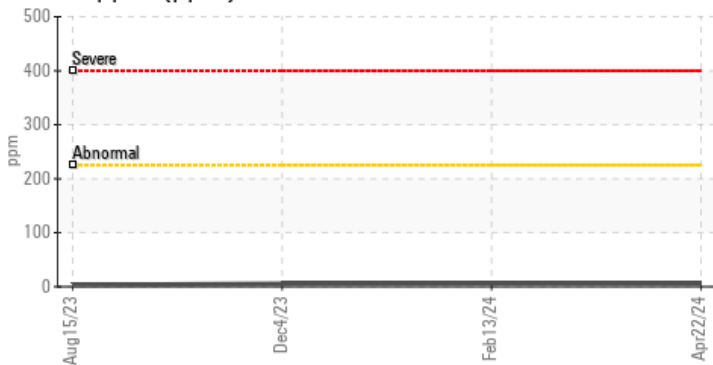
Aluminum (ppm)



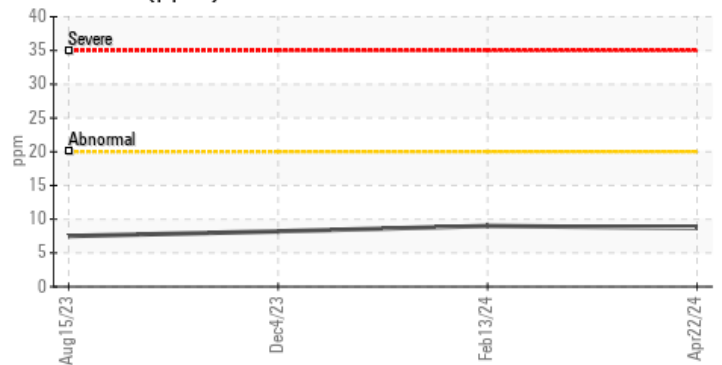
Chromium (ppm)



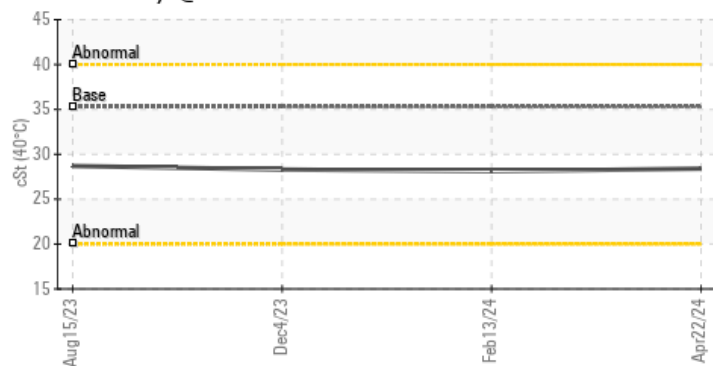
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

