



CONSTRUCTION EQUIPMENT - TRANSMISSION (AUTO)



Sample No: VCP06152696

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

Sample Number	VCP06152696	VCP415067	VCP401407	VCP413899
Sample Date	01 Apr 2024	07 Feb 2024	10 Nov 2023	12 Sep 2023
Machine Hours	0	0	2294	1861
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD

OTTAWA, IL

US 61350

Contact: ALEX MARCO

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OIL CONDITION

Visc @ 40°C	cSt	28.5	29.9	28.8	28.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	4	8
Sodium	ppm	4	0	0	1
Potassium	ppm	2	2	<1	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	37	36	29	49
Copper	ppm	7	▲ 154	6	8
Lead	ppm	0	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	1	2	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	2	1	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	2	1	2	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	76	213	80	78
Magnesium	ppm	8	23	10	2
Zinc	ppm	14	94	18	19
Phosphorus	ppm	203	212	207	186
Barium	ppm	<1	0	4	0
Boron	ppm	80	63	78	72

Depot: VOLVO5055

Unique No: 10982774

Signed: Sean Felton

Report Date: 22 Apr 2024

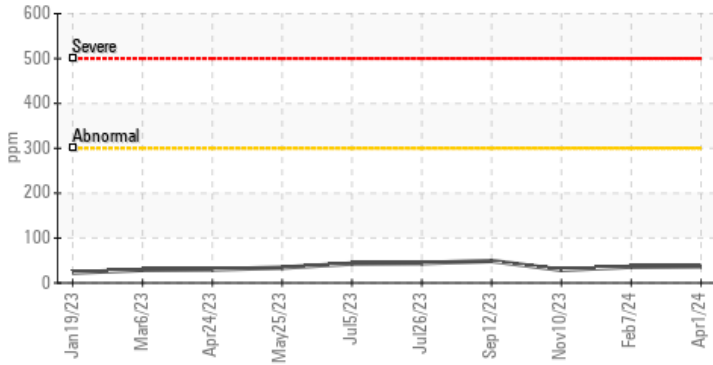


CONSTRUCTION EQUIPMENT

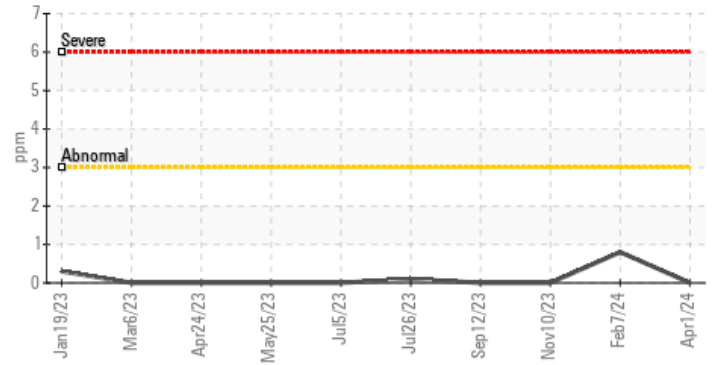


VOLVO GRAPHS

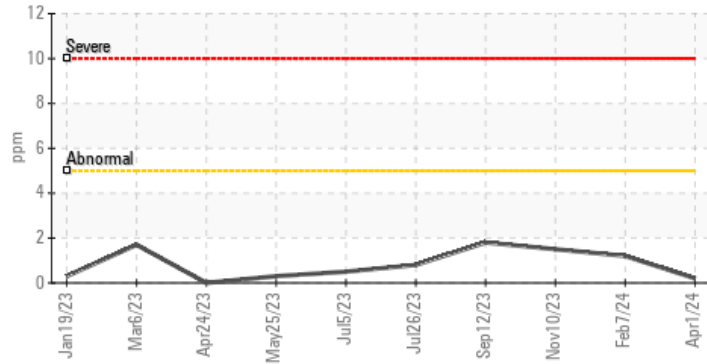
Iron (ppm)



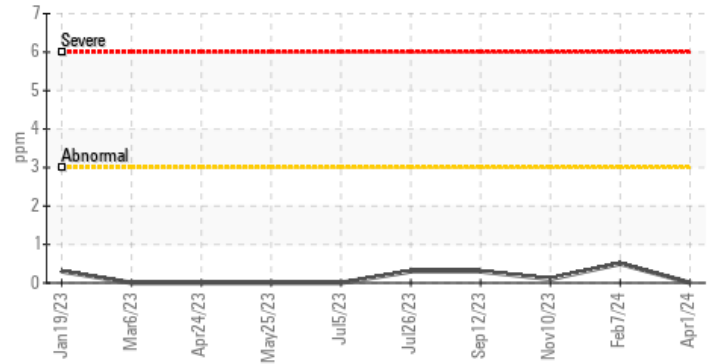
Lead (ppm)



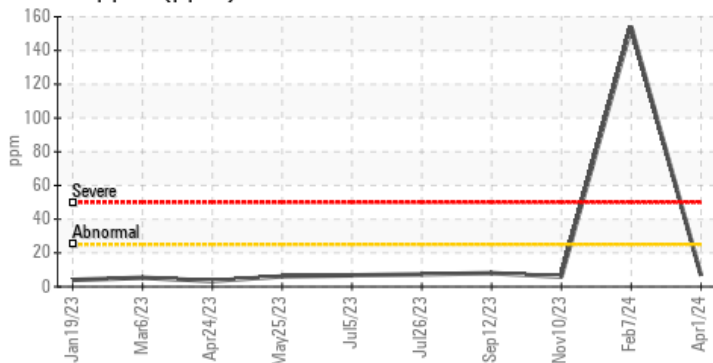
Aluminum (ppm)



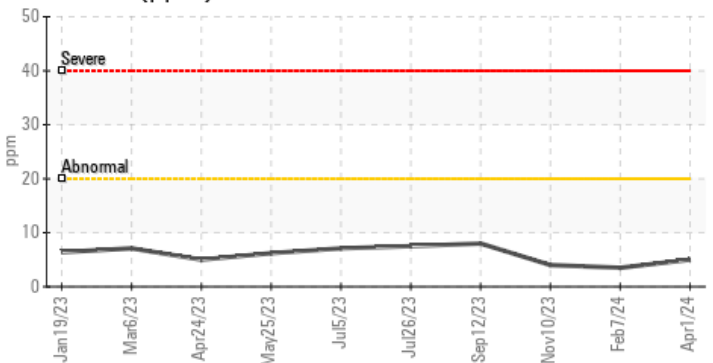
Chromium (ppm)



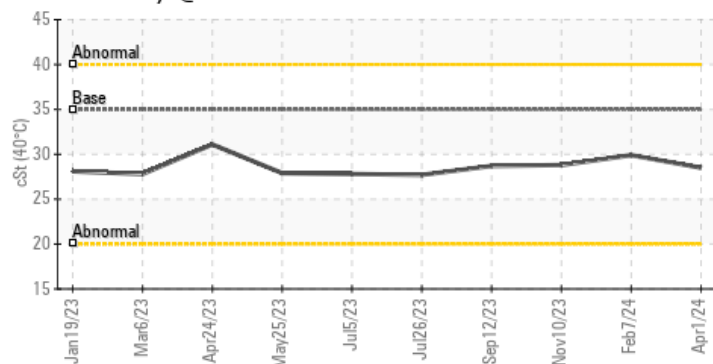
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

