



CONSTRUCTION EQUIPMENT

SPM578836 VOLVO L180G 1930S - TRANSMISSION (AUTO)



Sample No: VCP417430
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM578836



SAMPLE INFORMATION

Sample Number	VCP417430	VCP405658	VCP401392	VCP288549
Sample Date	08 Aug 2023	03 May 2023	18 Mar 2023	28 Sep 2020
Machine Hours	21063	20781	20570	19594
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	N/A	N/A
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

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 5801 ROCK CUT RD
 JAMESVILLE, NY
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 rsweet@covanta.com
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OIL CONDITION

Visc @ 40°C	cSt	30.9	32.5	28.7	26.8
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CONTAMINATION

Silicon	ppm	7	15	▲ 22	3
Sodium	ppm	4	8	9	1
Potassium	ppm	5	12	16	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	21	23	23	▲ 187
Copper	ppm	2	5	5	5
Lead	ppm	0	0	0	2
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	3	<1	0
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	2	2	1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	77	79	70	91
Magnesium	ppm	6	8	5	1
Zinc	ppm	87	168	33	20
Phosphorus	ppm	244	234	166	172
Barium	ppm	0	0	0	0
Boron	ppm	91	37	61	67

Depot: COVJAM
Unique No: 10602903
Signed: Sean Felton
Report Date: 14 Aug 2023

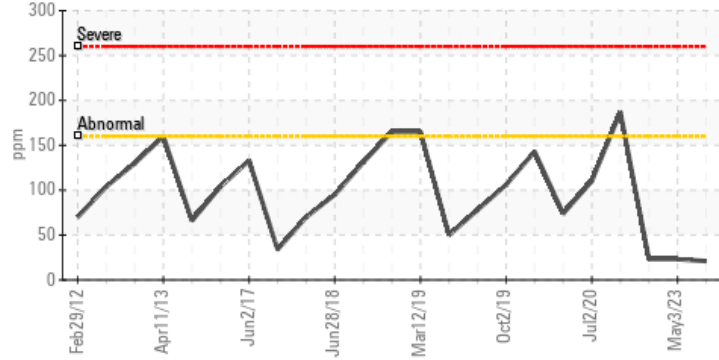


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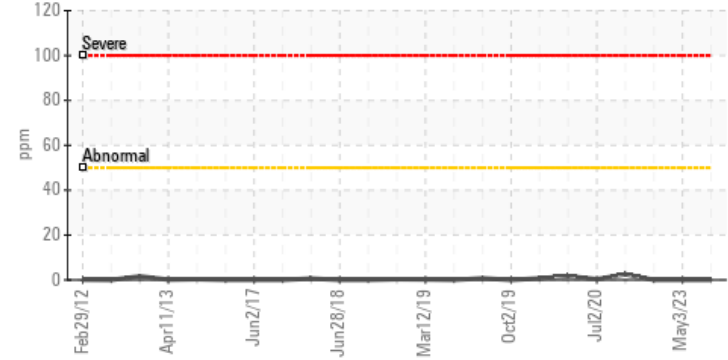


GRAPHS

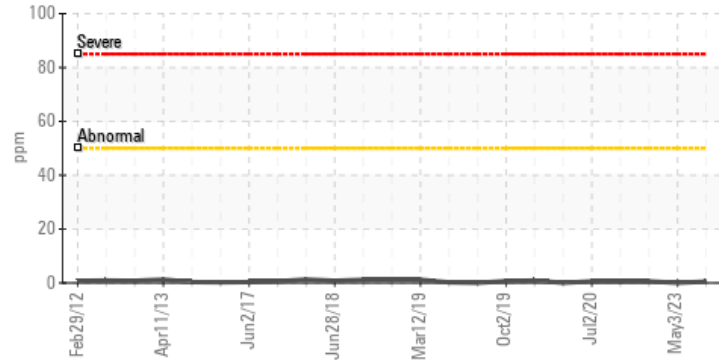
Iron (ppm)



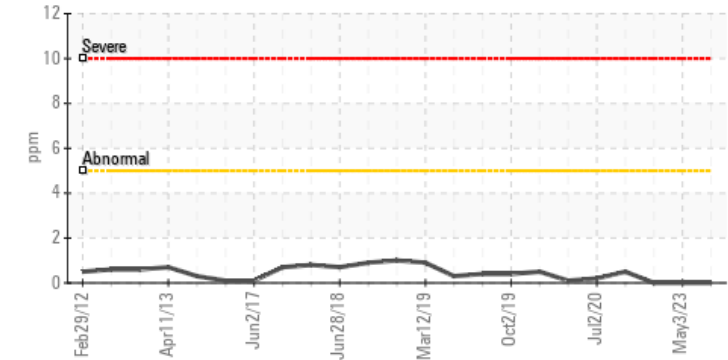
Lead (ppm)



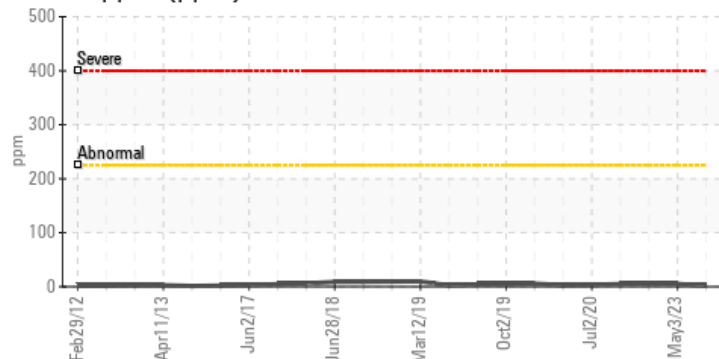
Aluminum (ppm)



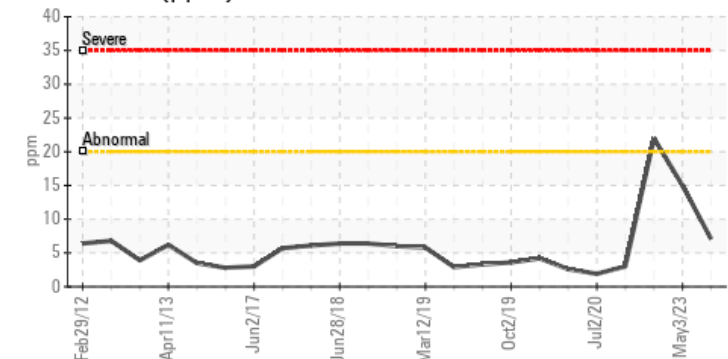
Chromium (ppm)



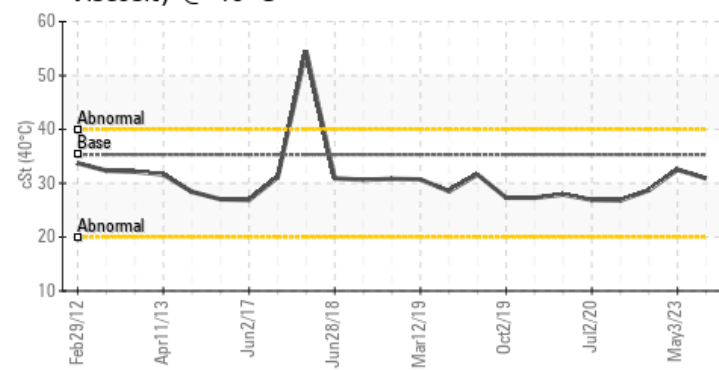
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

