



CONSTRUCTION EQUIPMENT

2035 SUWANNEE VOLVO L180H 5496 - TRANSMISSION (AUTO)



Sample No: VCP438156
Oil Type: VOLVO AT 102
Job No: 2035 SUWANNEE



SAMPLE INFORMATION

Sample Number	VCP438156	VCP412998	VCP417495	VCP405155
Sample Date	18 Jan 2024	18 Jul 2023	02 Jun 2023	14 Apr 2023
Machine Hours	13222	11082	10460	9652
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.8	28.2	28.4	27.4
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CONTAMINATION

Water	%	0.060	NEG	NEG	NEG
Silicon	ppm	3	2	2	3
Sodium	ppm	3	2	2	<1
Potassium	ppm	0	0	0	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	24	14	11	29
Copper	ppm	3	1	2	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	59	73	72	73
Magnesium	ppm	0	<1	<1	1
Zinc	ppm	<1	0	0	0
Phosphorus	ppm	178	189	184	191
Barium	ppm	0	<1	0	0
Boron	ppm	80	82	98	85

Depot: VOLVO0093
Unique No: 10847477
Signed: Don Baldrige
Report Date: 28 Jan 2024

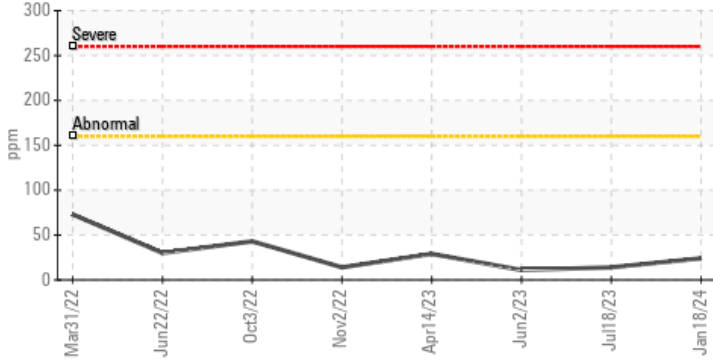


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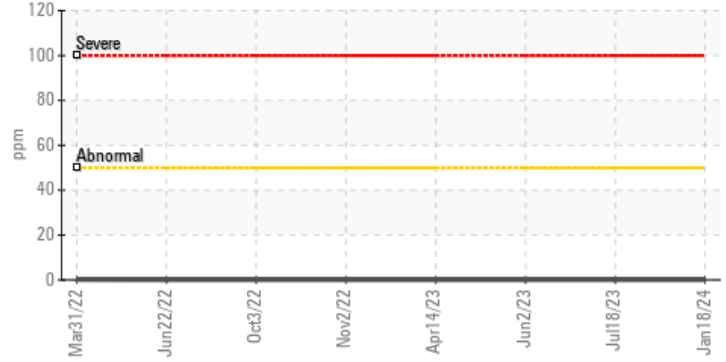


GRAPHS

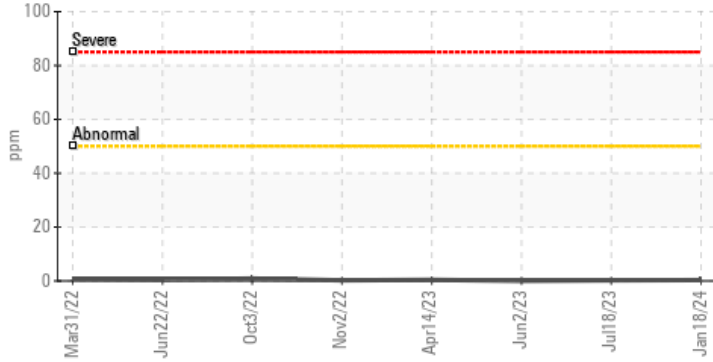
Iron (ppm)



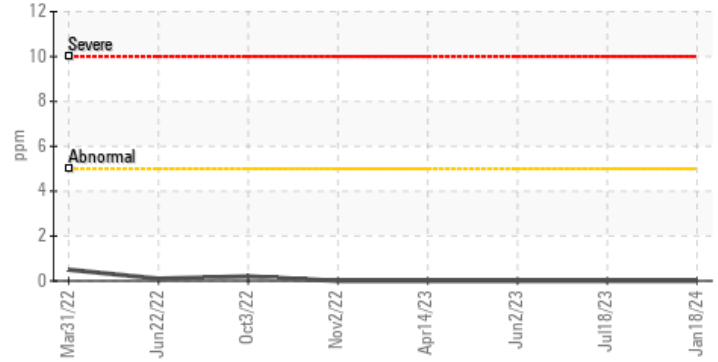
Lead (ppm)



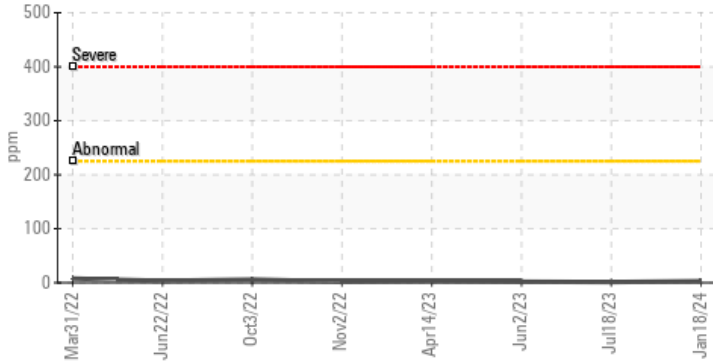
Aluminum (ppm)



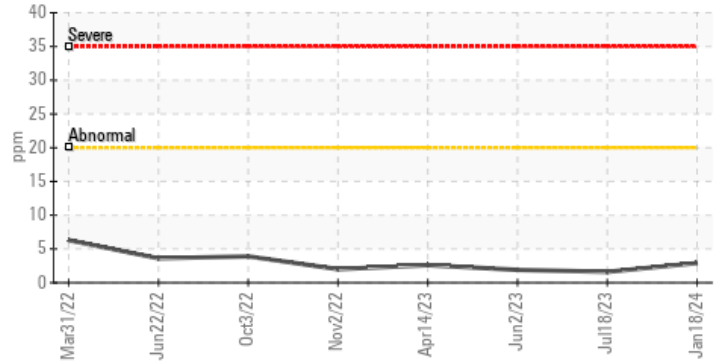
Chromium (ppm)



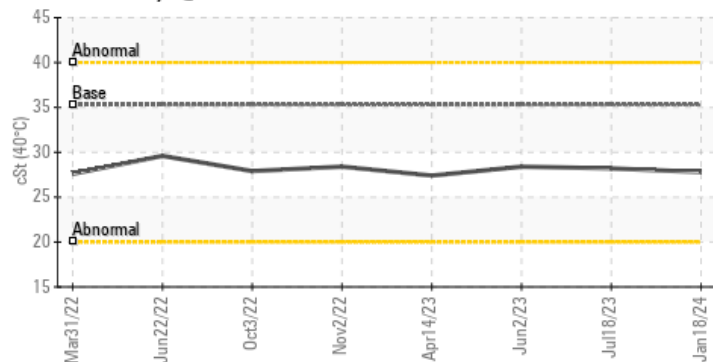
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

