



CONSTRUCTION EQUIPMENT

A12361 VOLVO L60H 622780 - TRANSMISSION (AUTO)



Sample No: VCP438197

Oil Type: MOBIL ATF

Job No: A12361



SAMPLE INFORMATION

Sample Number	VCP438197	VCP431244	VCP398882	VCP400287
Sample Date	27 Mar 2024	13 Nov 2023	05 May 2023	20 Dec 2022
Machine Hours	6530	5415	3830	2340
Oil Hours	2000	1000	3830	2340
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



COVANTA METAL MARKETING LLC
 500 MIDDLE DR
 FAIRLESS HILLS, PA
 US 19030
 Contact: J.P.



OIL CONDITION

Visc @ 40°C	cSt	36.0	34.0	27.2	27.6
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	6	10	10
Sodium	ppm	4	2	4	3
Potassium	ppm	<1	2	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	95	90	149	152
Copper	ppm	7	7	9	8
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	4	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	5	9	8
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	71	70	89	77
Magnesium	ppm	<1	2	3	2
Zinc	ppm	136	143	30	28
Phosphorus	ppm	221	250	209	187
Barium	ppm	<1	0	0	0
Boron	ppm	50	50	73	66

Depot: COVFAI
Unique No: 10969544
Signed: Don Baldrige
Report Date: 13 Apr 2024

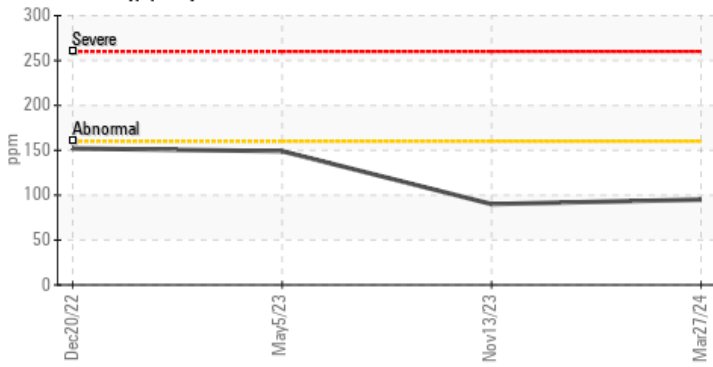


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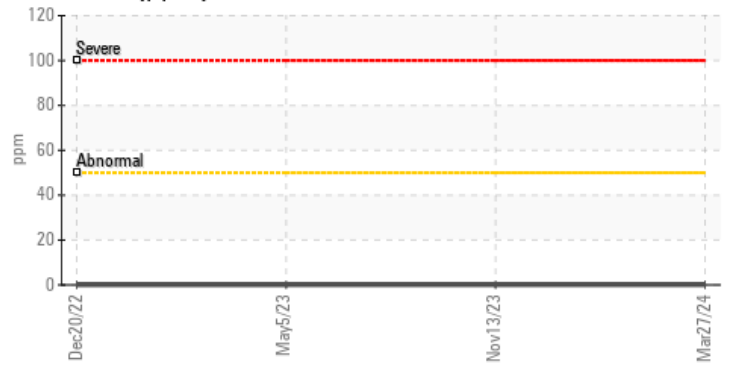


GRAPHS

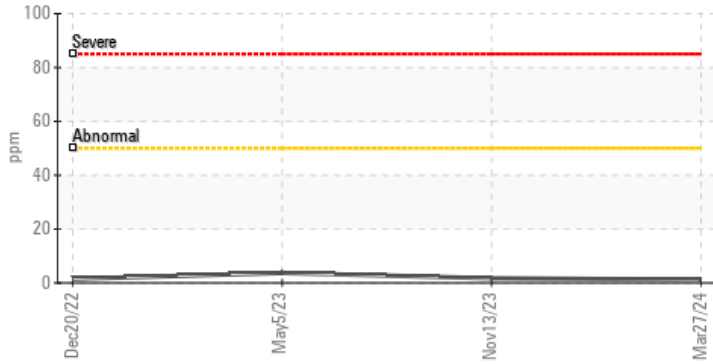
Iron (ppm)



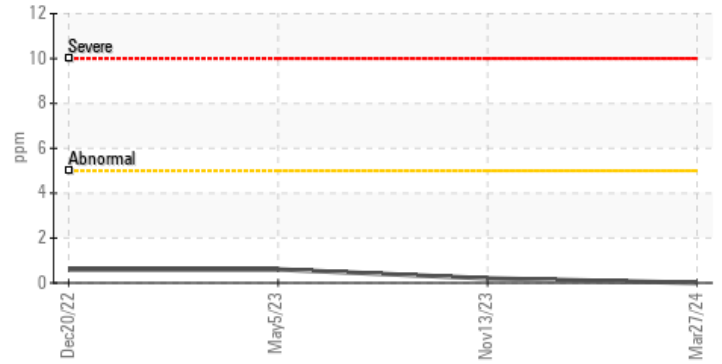
Lead (ppm)



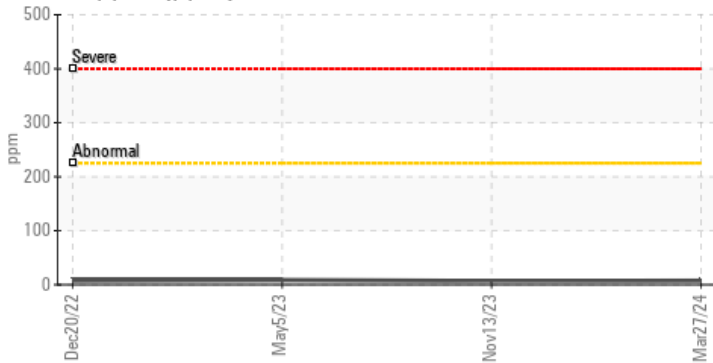
Aluminum (ppm)



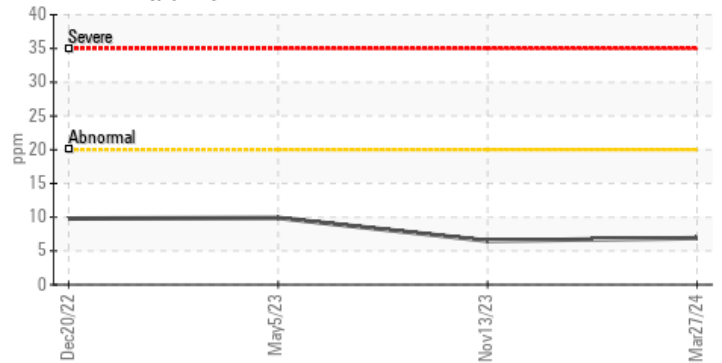
Chromium (ppm)



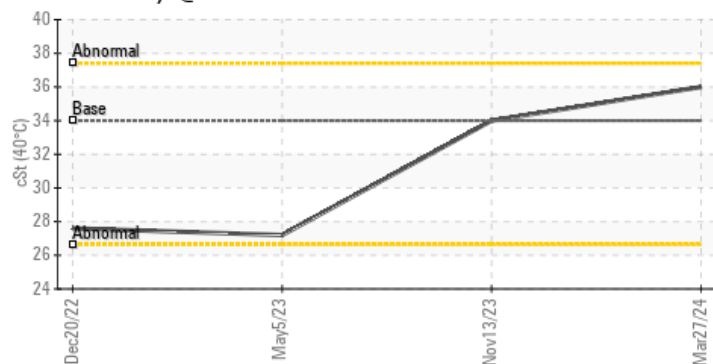
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

