



CONSTRUCTION EQUIPMENT

VOLVO L220H 3065 - TRANSMISSION (AUTO)



Sample No: VCP440883D
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID
Job No:



SAMPLE INFORMATION

Sample Number	VCP440883D	VCP432425	VCP432416	VCP415182
Sample Date	30 Apr 2024	08 Jan 2024	17 Nov 2023	22 Sep 2023
Machine Hours	26968	26028	25163	24277
Oil Hours	940	865	886	1126
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COVANTA ENERGY
 141 CRANBERRY HWY
 WEST WAREHAM, MA
 US 02576
 Contact: SAWYER
 ssawyer@woodcomachinery.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	25.2	25.1	27.4	27.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	4	5
Sodium	ppm	2	0	2	1
Potassium	ppm	0	1	0	1

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	32	46	56	91
Copper	ppm	1	1	1	4
Lead	ppm	0	1	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	2	0	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	2	0	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	92	109	192
Magnesium	ppm	0	2	4	23
Zinc	ppm	0	2	11	75
Phosphorus	ppm	222	241	242	261
Barium	ppm	0	<1	0	2
Boron	ppm	124	124	111	99

Depot: COVWES
Unique No: 11034577
Signed: Wes Davis
Report Date: 20 May 2024

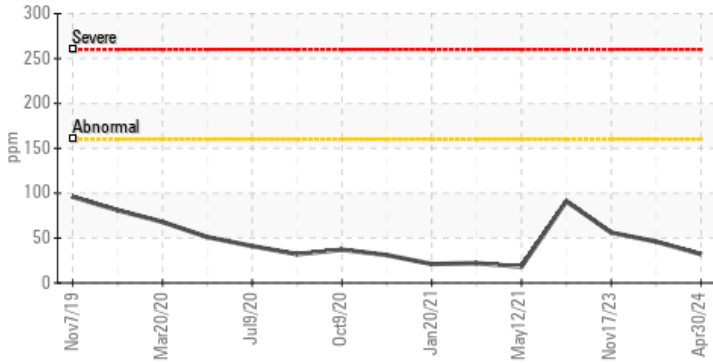


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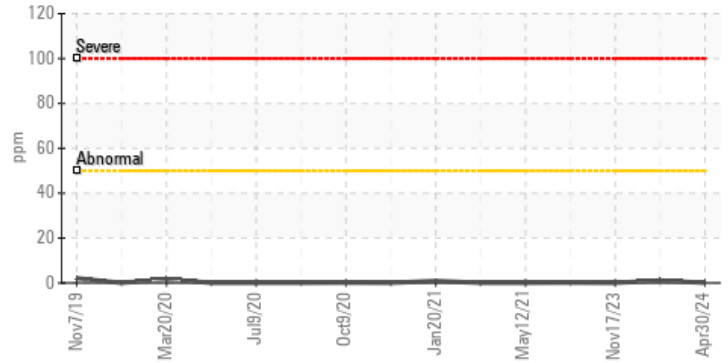


VOLVO GRAPHS

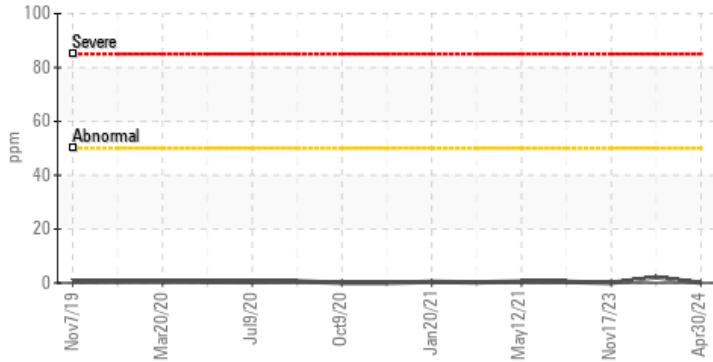
Iron (ppm)



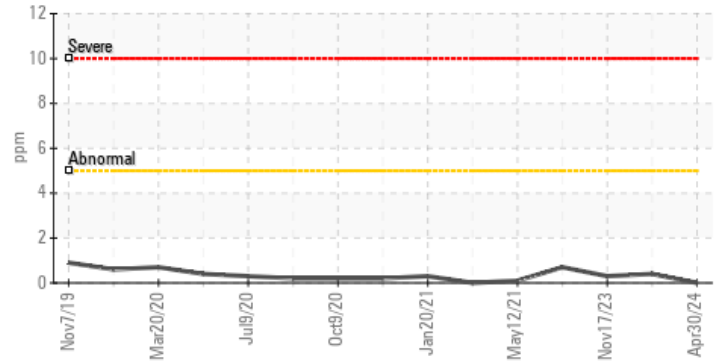
Lead (ppm)



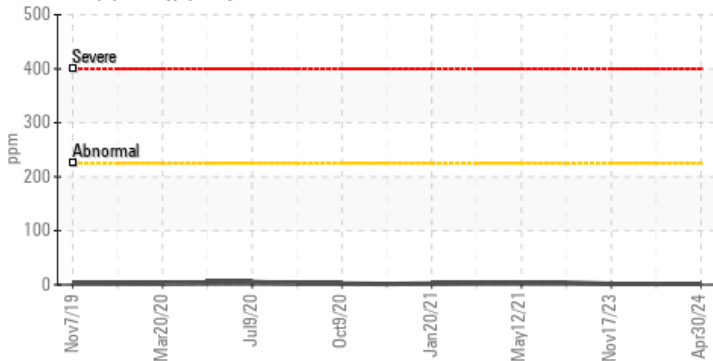
Aluminum (ppm)



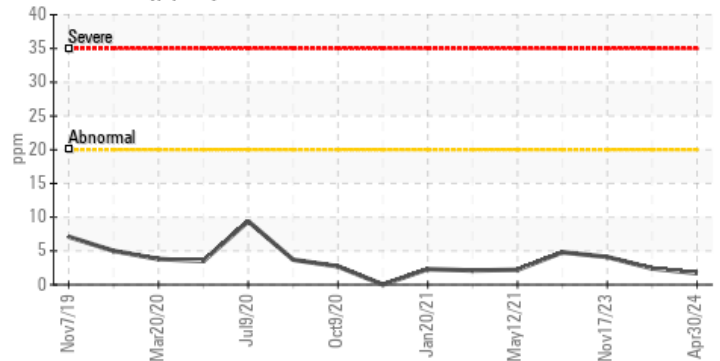
Chromium (ppm)



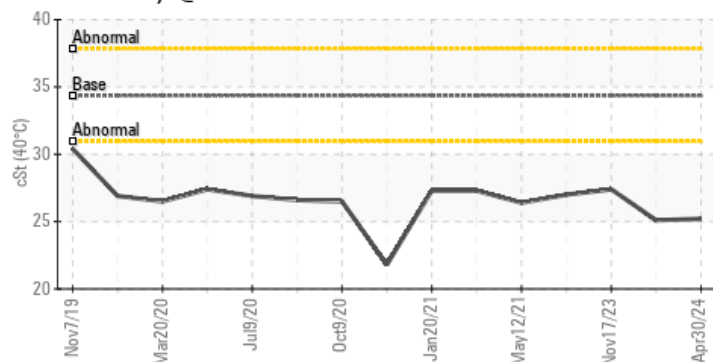
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

