



# CONSTRUCTION EQUIPMENT

## VOLVO L220H 3065 - TRANSMISSION (AUTO)



**Sample No:** VCP415182  
**Oil Type:** PENNZOIL DEXRON MERCON ATF FLUID  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP415182</b>	VCP300463	VCP278992	VCP287705
Sample Date	<b>22 Sep 2023</b>	12 May 2021	17 Mar 2021	20 Jan 2021
Machine Hours	<b>24277</b>	10020	8976	7926
Oil Hours	<b>1126</b>	1044	1050	974
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**COVANTA ENERGY**  
 141 CRANBERRY HWY  
 WEST WAREHAM, MA  
 US 02576  
 Contact: SAWYER  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.0</b>	26.4	27.3	27.3
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### CONTAMINATION

Silicon	ppm	<b>5</b>	2	2	2
Sodium	ppm	<b>1</b>	3	2	2
Potassium	ppm	<b>1</b>	0	0	0



### WEAR METALS

Iron	ppm	<b>91</b>	18	22	21
Copper	ppm	<b>4</b>	4	4	2
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>2</b>	2	7	7
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	<1	<1
Manganese	ppm	<b>2</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>192</b>	142	238	248
Magnesium	ppm	<b>23</b>	13	37	38
Zinc	ppm	<b>75</b>	27	67	72
Phosphorus	ppm	<b>261</b>	250	282	302
Barium	ppm	<b>2</b>	0	0	0
Boron	ppm	<b>99</b>	115	120	125

### 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.

**Depot:** COVWES  
**Unique No:** 10662088  
**Signed:** Sean Felton  
**Report Date:** 27 Sep 2023



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## VOLVO GRAPHS

