



# CONSTRUCTION EQUIPMENT

## VOLVO L220H 3065 - TRANSMISSION (AUTO)



**Sample No:** VCP432425  
**Oil Type:** PENNZOIL DEXRON MERCON ATF FLUID  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP432425</b>	VCP432416	VCP415182	VCP300463
Sample Date	<b>08 Jan 2024</b>	17 Nov 2023	22 Sep 2023	12 May 2021
Machine Hours	<b>26028</b>	25163	24277	10020
Oil Hours	<b>865</b>	886	1126	1044
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  
 ssawyer@woodcomachinery.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>25.1</b>	27.4	27.0	26.4
-------------	-----	-------------	------	------	------



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	4	5	2
Sodium	ppm	<b>0</b>	2	1	3
Potassium	ppm	<b>1</b>	0	1	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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>46</b>	56	91	18
Copper	ppm	<b>1</b>	1	4	4
Lead	ppm	<b>1</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>2</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	0	2	2
Nickel	ppm	<b>&lt;1</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	1	2	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>92</b>	109	192	142
Magnesium	ppm	<b>2</b>	4	23	13
Zinc	ppm	<b>2</b>	11	75	27
Phosphorus	ppm	<b>241</b>	242	261	250
Barium	ppm	<b>&lt;1</b>	0	2	0
Boron	ppm	<b>124</b>	111	99	115

**Depot:** COVWES  
**Unique No:** 10832970  
**Signed:** Doug Bogart  
**Report Date:** 23 Jan 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

