



# CONSTRUCTION EQUIPMENT

## VOLVO L220H 2211 - TRANSMISSION (AUTO)



**Sample No:** VCP419618  
**Oil Type:** PENNZOIL DEXRON MERCON ATF FLUID  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP419618</b>	VCP370601	VCP350552	VCP350579
Sample Date	<b>12 Jul 2023</b>	21 Nov 2022	24 Aug 2022	24 May 2022
Machine Hours	<b>39812</b>	38936	38049	37234
Oil Hours	<b>876</b>	887	815	818
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>26.5</b>	24.2	27.4	27.6
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### CONTAMINATION

Silicon	ppm	<b>2</b>	3	3	3
Sodium	ppm	<b>1</b>	2	0	<1
Potassium	ppm	<b>&lt;1</b>	0	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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>61</b>	100	73	88
Copper	ppm	<b>2</b>	1	1	1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	<1	0
Manganese	ppm	<b>1</b>	1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>120</b>	88	83	119
Magnesium	ppm	<b>9</b>	<1	<1	4
Zinc	ppm	<b>13</b>	2	1	7
Phosphorus	ppm	<b>246</b>	253	219	216
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>97</b>	113	123	81

**Depot:** COVWES  
**Unique No:** 10563052  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2023



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## VOLVO GRAPHS

