



CONSTRUCTION EQUIPMENT

VOLVO L220H 3440 - TRANSMISSION (AUTO)



Sample No: VCP404563
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID
Job No:



SAMPLE INFORMATION

Sample Number	VCP404563	VCP404571	VCP415183	VCP419625
Sample Date	08 Dec 2023	24 Oct 2023	05 Sep 2023	11 Jul 2023
Machine Hours	6478	5635	4714	3675
Oil Hours	843	921	1038	949
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COVANTA ENERGY
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 WEST WAREHAM, MA
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OIL CONDITION

Visc @ 40°C	cSt	26.0	25.9	26.5	26.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	2	3	3
Sodium	ppm	<1	3	2	1
Potassium	ppm	0	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	40	37	49	48
Copper	ppm	0	<1	1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	88	60	129	102
Magnesium	ppm	<1	0	6	4
Zinc	ppm	0	0	36	9
Phosphorus	ppm	246	166	261	254
Barium	ppm	0	0	0	0
Boron	ppm	111	102	105	103

Depot: COVWES
Unique No: 10782748
Signed: Wes Davis
Report Date: 14 Dec 2023



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GRAPHS

