



CONSTRUCTION EQUIPMENT

VOLVO L220H 3440 - TRANSMISSION (AUTO)



Sample No: VCP415183
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID
Job No:



SAMPLE INFORMATION

Sample Number	VCP415183	VCP419625	VCP411224	VCP382239
Sample Date	05 Sep 2023	11 Jul 2023	17 May 2023	24 Mar 2023
Machine Hours	4714	3675	2728	1802
Oil Hours	1038	949	931	885
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COVANTA ENERGY
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OIL CONDITION

Visc @ 40°C	cSt	26.5	26.1	26.3	26.6
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CONTAMINATION

Silicon	ppm	3	3	3	7
Sodium	ppm	2	1	2	<1
Potassium	ppm	1	0	2	<1



WEAR METALS

Iron	ppm	49	48	35	37
Copper	ppm	1	2	2	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	1	<1	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	129	102	93	110
Magnesium	ppm	6	4	1	5
Zinc	ppm	36	9	0	17
Phosphorus	ppm	261	254	237	257
Barium	ppm	0	0	0	0
Boron	ppm	105	103	116	100

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: 10642085
Signed: Wes Davis
Report Date: 11 Sep 2023



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VOLVO GRAPHS

