



CONSTRUCTION EQUIPMENT

VOLVO L220H 3440 - TRANSMISSION (AUTO)



Sample No: VCP419625
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID
Job No:



SAMPLE INFORMATION

Sample Number	VCP419625	VCP411224	VCP382239	VCP362662
Sample Date	11 Jul 2023	17 May 2023	24 Mar 2023	06 Feb 2023
Machine Hours	3675	2728	1802	917
Oil Hours	949	931	885	917
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	26.1	26.3	26.6	27.7
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CONTAMINATION

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



WEAR METALS

Iron	ppm	48	35	37	39
Copper	ppm	2	2	3	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	1	<1	3	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	102	93	110	81
Magnesium	ppm	4	1	5	2
Zinc	ppm	9	0	17	21
Phosphorus	ppm	254	237	257	178
Barium	ppm	0	0	0	1
Boron	ppm	103	116	100	80

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: 10560826
Signed: Wes Davis
Report Date: 17 Jul 2023



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GRAPHS

