



CONSTRUCTION EQUIPMENT

VOLVO L220G 12681 - TRANSMISSION (AUTO)



Sample No: VCP410514
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID
Job No:



SAMPLE INFORMATION

Sample Number	VCP410514	VCP410515	VCP382241	VCP311549
Sample Date	25 Aug 2023	25 Jul 2023	06 Mar 2023	12 Apr 2022
Machine Hours	35674	35574	35332	34788
Oil Hours	99	242	944	574
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.9	26.5	28.9	26.1
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CONTAMINATION

Silicon	ppm	6	12	3	4
Sodium	ppm	5	3	2	2
Potassium	ppm	11	1	1	1



WEAR METALS

Iron	ppm	13	67	32	65
Copper	ppm	5	12	5	4
Lead	ppm	0	0	0	<1
Tin	ppm	0	1	0	0
Aluminum	ppm	0	26	2	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	<1	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	4	1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	181	113	167	120
Magnesium	ppm	24	2	6	7
Zinc	ppm	72	12	46	20
Phosphorus	ppm	268	253	238	227
Barium	ppm	0	0	0	0
Boron	ppm	86	111	98	74

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.

Depot: COVWES
Unique No: 10642086
Signed: Don Baldrige
Report Date: 12 Sep 2023



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VOLVO GRAPHS

