



CONSTRUCTION EQUIPMENT

VOLVO L90H 624903 - TRANSMISSION (AUTO)



Sample No: VCP430160
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID
Job No:



SAMPLE INFORMATION

Sample Number	VCP430160	VCP419615	VCP382240	VCP355262
Sample Date	24 Oct 2023	13 Jul 2023	21 Mar 2023	05 Dec 2022
Machine Hours	9740	8814	7935	7020
Oil Hours	926	839	915	877
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COVANTA ENERGY
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OIL CONDITION

Visc @ 40°C	cSt	25.9	23.7	25.9	25.8
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CONTAMINATION

Silicon	ppm	3	4	4	4
Sodium	ppm	3	4	2	3
Potassium	ppm	0	2	3	0

WEAR METALS

Iron	ppm	8	15	17	28
Copper	ppm	<1	2	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	1	1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	2	1	3	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	87	106	134	124
Magnesium	ppm	0	0	11	4
Zinc	ppm	4	6	17	25
Phosphorus	ppm	179	253	257	237
Barium	ppm	0	0	0	0
Boron	ppm	101	124	100	107

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: 10714552
Signed: Sean Felton
Report Date: 31 Oct 2023



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GRAPHS

