



CONSTRUCTION EQUIPMENT

SW1027198 HYDRO ALUM VOLVO L60H 62256 - TRANSMISSION (AUTO)



Sample No: VCP415925D
Oil Type: DEXRON III
Job No: SW1027198 HYDRO ALUM



SAMPLE INFORMATION

Sample Number	VCP415925D	VCP417386	VCP381516	---
Sample Date	05 Dec 2023	14 Aug 2023	13 Apr 2023	---
Machine Hours	6012	5326	4627	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Chngd	Changed	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	29.7	29.9	31.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	6	10	---
Sodium	ppm	4	5	6	---
Potassium	ppm	<1	2	<1	---



WEAR METALS

Iron	ppm	144	142	294	---
Copper	ppm	8	8	10	---
Lead	ppm	0	0	0	---
Tin	ppm	21	23	50	---
Aluminum	ppm	2	4	5	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	6	6	11	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	86	69	69	---
Magnesium	ppm	20	2	<1	---
Zinc	ppm	74	56	89	---
Phosphorus	ppm	194	177	153	---
Barium	ppm	0	0	0	---
Boron	ppm	60	68	52	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The tin level is abnormal. All other 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: VOLVO6174
Unique No: 10782335
Signed: Don Baldrige
Report Date: 15 Dec 2023



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GRAPHS

