



CONSTRUCTION EQUIPMENT

702165 HILLSBOROUGH VOLVO L60H 623196 - TRANSMISSION (AUTO)



Sample No: VCP444032
Oil Type: VOLVO AT 102
Job No: 702165 HILLSBOROUGH



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SAMPLE INFORMATION

Sample Number	VCP444032	VCP449198	---	---
Sample Date	19 Apr 2024	03 Jan 2024	---	---
Machine Hours	2114	1554	---	---
Oil Hours	2114	1554	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	82.0	27.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	11	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	3	<1	---	---



WEAR METALS

Iron	ppm	214	182	---	---
Copper	ppm	11	10	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	8	7	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	74	74	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	37	31	---	---
Phosphorus	ppm	203	200	---	---
Barium	ppm	0	2	---	---
Boron	ppm	64	57	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is higher than normal.

Depot: VOLVO0093
Unique No: 11036719
Signed: Don Baldrige
Report Date: 22 May 2024



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VOLVO GRAPHS

