



CONSTRUCTION EQUIPMENT

VOLVO L90H 626620 - TRANSMISSION (AUTO)



Sample No: VCP436063
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No:



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP436063	VCP418306	VCP420273	---
Sample Date	20 Sep 2023	30 Jun 2023	11 Apr 2023	---
Machine Hours	1554	1057	514	---
Oil Hours	0	1057	514	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	26.2	27.9	27.8	---
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CONTAMINATION

Silicon	ppm	11	14	13	---
Sodium	ppm	6	3	4	---
Potassium	ppm	2	<1	1	---



WEAR METALS

Iron	ppm	▲ 234	▲ 182	105	---
Copper	ppm	11	8	5	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	10	9	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	83	83	77	---
Magnesium	ppm	<1	2	3	---
Zinc	ppm	69	26	24	---
Phosphorus	ppm	175	204	192	---
Barium	ppm	<1	<1	0	---
Boron	ppm	36	80	85	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10739784
Signed: Jonathan Hester
Report Date: 15 Nov 2023



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GRAPHS

