



CONSTRUCTION EQUIPMENT

2014 VOLVO L120H 632190 - REAR AXLE



Sample No: VCP434495
Oil Type: VOLVO WB 102
Job No: 2014



SAMPLE INFORMATION

Sample Number	VCP434495	VCP314544	---	---
Sample Date	20 Jun 2024	24 Jun 2021	---	---
Machine Hours	9575	4975	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

LEONARDS CONTRACTING
 30850 STEPHENSON HWY
 MADISON HEIGHTS, MI
 US 48071
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OIL CONDITION

Visc @ 40°C	cSt	40.1	41.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	19	14	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	<1	<1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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.



WEAR METALS

Iron	ppm	873	423	---	---
Copper	ppm	4	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	15	7	---	---
Molybdenum	ppm	7	7	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	16	9	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3891	3746	---	---
Magnesium	ppm	12	7	---	---
Zinc	ppm	1528	1447	---	---
Phosphorus	ppm	1372	1328	---	---
Barium	ppm	0	0	---	---
Boron	ppm	113	127	---	---

Depot: LEOMAD
Unique No: 11099937
Signed: Don Baldrige
Report Date: 28 Jun 2024



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GRAPHS

