



CONSTRUCTION EQUIPMENT

A12458 VOLVO L60H 62331 - FRONT AXLE



Sample No: VCP446451
Oil Type: MOBIL WB 102
Job No: A12458



SAMPLE INFORMATION

Sample Number	VCP446451	VCP434163	VCP412609	---
Sample Date	11 Apr 2024	22 Nov 2023	25 Sep 2023	---
Machine Hours	2095	1065	580	---
Oil Hours	1100	1065	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COVANTA ENERGY

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OIL CONDITION

Visc @ 40°C	cSt	42.6	43.6	41.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	16	18	---
Sodium	ppm	1	5	2	---
Potassium	ppm	1	2	2	---

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.



WEAR METALS

Iron	ppm	30	86	70	---
Copper	ppm	<1	2	<1	---
Lead	ppm	1	0	<1	---
Tin	ppm	1	0	0	---
Aluminum	ppm	1	<1	6	---
Chromium	ppm	1	4	4	---
Molybdenum	ppm	4	3	4	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	7	7	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3200	4044	4047	---
Magnesium	ppm	56	12	14	---
Zinc	ppm	1325	1571	1722	---
Phosphorus	ppm	1091	1288	1402	---
Barium	ppm	0	0	0	---
Boron	ppm	103	135	141	---

Depot: COVCHE
Unique No: 10991852
Signed: Wes Davis
Report Date: 23 Apr 2024



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GRAPHS

