



CONSTRUCTION EQUIPMENT

A11723 VOLVO L180H 5446 - FRONT AXLE



Sample No: VCP439485
Oil Type: VOLVO WB 102
Job No: A11723



SAMPLE INFORMATION

Sample Number	VCP439485	VCP411852	VCP399126	---
Sample Date	23 Dec 2023	10 Jul 2023	03 Feb 2023	---
Machine Hours	6982	6010	5041	---
Oil Hours	0	2000	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COVANTA METAL MARKETING LLC
 500 MIDDLE DR
 FAIRLESS HILLS, PA
 US 19030
 Contact: J.P.



OIL CONDITION

Visc @ 40°C	cSt	43.4	42.3	42.1	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	14	12	---
Sodium	ppm	1	1	2	---
Potassium	ppm	<1	<1	1	---

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	17	21	29	---
Copper	ppm	2	2	1	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	2	<1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	3	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2833	4262	4343	---
Magnesium	ppm	55	17	17	---
Zinc	ppm	1201	1732	1751	---
Phosphorus	ppm	1027	1379	1383	---
Barium	ppm	0	0	0	---
Boron	ppm	97	126	147	---

Depot: COVFAI
Unique No: 10822035
Signed: Wes Davis
Report Date: 10 Jan 2024



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GRAPHS

