



CONSTRUCTION EQUIPMENT

A12361 VOLVO L60H 622780 - REAR AXLE



Sample No: VCP438204
Oil Type: MOBIL ISO 46
Job No: A12361



SAMPLE INFORMATION

Sample Number	VCP438204	VCP431249	VCP398888	VCP400286
Sample Date	27 Mar 2024	13 Nov 2023	05 May 2023	20 Dec 2022
Machine Hours	6530	5415	3830	2340
Oil Hours	2000	1000	1000	1200
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	44.4	44.5	44.6	42.6
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	13	11	12
Sodium	ppm	3	2	0	<1
Potassium	ppm	0	<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	163	121	38	68
Copper	ppm	4	2	1	2
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	3	3	<1	1
Chromium	ppm	2	1	<1	1
Molybdenum	ppm	7	6	5	2
Nickel	ppm	<1	1	0	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4039	3670	3702	3990
Magnesium	ppm	59	56	47	11
Zinc	ppm	1704	1625	1580	1592
Phosphorus	ppm	1411	1335	1282	1262
Barium	ppm	0	0	0	0
Boron	ppm	123	114	114	116

Depot: COVFAI
Unique No: 10969472
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

