



CONSTRUCTION EQUIPMENT

A12458 VOLVO L60H 62331 - DIESEL ENGINE



Sample No: VCP446452
Oil Type: MOBIL 15W40
Job No: A12458



SAMPLE INFORMATION

Sample Number	VCP446452	VCP444085	---	---
Sample Date	11 Apr 2024	08 Feb 2024	---	---
Machine Hours	2095	1593	---	---
Oil Hours	500	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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



OIL CONDITION

Visc @ 100°C	cSt	14.0	13.5	---	---
Base Number (BN)	mg KOH/g	8.8	6.7	---	---
Oxidation (PA)	%	64	44	---	---

T:
F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.2	0.2	---	---
Nitration (PA)	%	68	62	---	---
Sulfation (PA)	%	55	48	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	6	6	---	---
Sodium	ppm	3	1	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	7	8	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	42	13	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1637	2202	---	---
Magnesium	ppm	473	164	---	---
Zinc	ppm	1120	1055	---	---
Phosphorus	ppm	974	935	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	26	8	---	---

Depot: COVFAI
Unique No: 10990946
Signed: Wes Davis
Report Date: 22 Apr 2024



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GRAPHS

