



CONSTRUCTION EQUIPMENT

A11962 VOLVO L180H 5740 - FRONT AXLE



Sample No: VCP432245
Oil Type: MOBIL WB 102
Job No: A11962



SAMPLE INFORMATION

Sample Number	VCP432245	VCP429688	VCP431243	---
Sample Date	24 Jan 2024	08 Dec 2023	16 Nov 2023	---
Machine Hours	1505	1135	990	---
Oil Hours	500	250	990	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

WASTE MANAGEMENT - TELFORD

400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.2	43.7	42.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	12	10	---
Sodium	ppm	<1	1	4	---
Potassium	ppm	0	1	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	16	11	25	---
Copper	ppm	0	0	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	1	1	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	4	3	4	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	4	---
Vanadium	ppm	0	<1	<1	---



ADDITIVES

Calcium	ppm	3241	3247	3645	---
Magnesium	ppm	54	62	9	---
Zinc	ppm	1467	1414	1535	---
Phosphorus	ppm	1062	1185	1277	---
Barium	ppm	0	0	0	---
Boron	ppm	123	100	119	---

Depot: WASTEL
Unique No: 10873745
Signed: Wes Davis
Report Date: 13 Feb 2024



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GRAPHS

