



CONSTRUCTION EQUIPMENT

A11962 VOLVO L180H 5740 - REAR AXLE



Sample No: VCP439304
Oil Type: MOBIL WB 102
Job No: A11962



SAMPLE INFORMATION

Sample Number	VCP439304	VCP429682	VCP430914	---
Sample Date	24 Jan 2024	08 Dec 2023	16 Nov 2023	---
Machine Hours	1505	1135	990	---
Oil Hours	1505	250	990	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

WASTE MANAGEMENT - TELFORD

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



OIL CONDITION

Visc @ 40°C	cSt	43.2	43.9	41.7	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	12	11	---
Sodium	ppm	<1	<1	4	---
Potassium	ppm	0	<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	16	97	249	---
Copper	ppm	0	0	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	1	1	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	4	3	3	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	6	---
Vanadium	ppm	0	<1	<1	---



ADDITIVES

Calcium	ppm	3267	3200	3640	---
Magnesium	ppm	54	61	10	---
Zinc	ppm	1472	1392	1520	---
Phosphorus	ppm	1063	1148	1281	---
Barium	ppm	0	0	0	---
Boron	ppm	122	98	128	---

Depot: WASTEL
Unique No: 10873749
Signed: Wes Davis
Report Date: 13 Feb 2024



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GRAPHS

