



CONSTRUCTION EQUIPMENT

A12543 VOLVO L180H 4165 - FRONT AXLE



Sample No: VCP438192
Oil Type: MOBIL WB 102
Job No: A12543



SAMPLE INFORMATION

Sample Number	VCP438192	VCP405609	VCP399913	---
Sample Date	02 May 2024	10 Feb 2024	21 Feb 2023	---
Machine Hours	14045	13485	10932	---
Oil Hours	2000	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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	42.1	44.4	45.6	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	28	25	11	---
Sodium	ppm	0	<1	3	---
Potassium	ppm	3	0	<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	26	17	115	---
Copper	ppm	2	<1	4	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	<1	4	---
Molybdenum	ppm	2	1	4	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	6	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	3832	3811	2394	---
Magnesium	ppm	15	6	16	---
Zinc	ppm	1556	1525	1066	---
Phosphorus	ppm	1461	1237	867	---
Barium	ppm	0	0	0	---
Boron	ppm	134	120	73	---

Depot: WASTEL
Unique No: 11033057
Signed: Wes Davis
Report Date: 17 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

