



CONSTRUCTION EQUIPMENT

A11036 LEW VOLVO A40G 342518 - DROP BOX



Sample No: VCP425998
Oil Type: MOBIL GO 102
Job No: A11036 LEW



SAMPLE INFORMATION

Sample Number	VCP425998	VCP390500	---	---
Sample Date	14 Sep 2023	18 Oct 2022	---	---
Machine Hours	5000	4365	---	---
Oil Hours	1000	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
 Contact: JIM FEHR
 jim.fehr@hoffmanequip.com
 T: (610)363-9200
 F: (610)594-0829



OIL CONDITION

Visc @ 40°C	cSt	49.0	50.5	---	---
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CONTAMINATION

Silicon	ppm	6	7	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	<1	0	---	---

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	24	87	---	---
Copper	ppm	3	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	8	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	6	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	7	24	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	0	18	---	---
Phosphorus	ppm	2320	2372	---	---
Barium	ppm	0	0	---	---
Boron	ppm	231	253	---	---

Depot: VOLVO8879
Unique No: 10673215
Signed: Wes Davis
Report Date: 04 Oct 2023



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GRAPHS

