



CONSTRUCTION EQUIPMENT

A11036 LEW VOLVO A40G 342518 - WET DISC BRAKE



Sample No: VCP416934
Oil Type: MOBIL WB 102
Job No: A11036 LEW



SAMPLE INFORMATION

Sample Number	VCP416934	VCP389508	---	---
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	43.3	43.3	---	---
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CONTAMINATION

Silicon	ppm	19	16	---	---
Sodium	ppm	7	6	---	---
Potassium	ppm	0	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	28	19	---	---
Copper	ppm	164	154	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	0	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	4	4	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	4301	3514	---	---
Magnesium	ppm	25	19	---	---
Zinc	ppm	1786	1504	---	---
Phosphorus	ppm	1489	1168	---	---
Barium	ppm	0	0	---	---
Boron	ppm	151	108	---	---

Depot: VOLVO8879
Unique No: 10673210
Signed: Don Baldrige
Report Date: 04 Oct 2023



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GRAPHS

