



CONSTRUCTION EQUIPMENT

A12561 LIVENGOOD VOLVO A40G 342316 - FRONT AXLE



Sample No: VCP453596
Oil Type: MOBIL GO 102
Job No: A12561 LIVENGOOD



SAMPLE INFORMATION

Sample Number	VCP453596	---	---	---
Sample Date	20 May 2024	---	---	---
Machine Hours	6030	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
120 GORDON DRIVE
LIONVILLE, PA
US 19341
Contact: JIM FEHR
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T: (610)363-9200
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OIL CONDITION

Visc @ 40°C	cSt	█ 149	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 5	---	---	---

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	█ 337	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	14	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	21	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	20	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	16	---	---	---
Phosphorus	ppm	2251	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	241	---	---	---

Depot: VOLVO8879
Unique No: 11049336
Signed: Don Baldrige
Report Date: 30 May 2024



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GRAPHS

