



CONSTRUCTION EQUIPMENT

A12561 LIVENGOOD VOLVO A40G 342316 - DROP BOX



Sample No: VCP452781
Oil Type: MOBIL GO 102
Job No: A12561 LIVENGOOD



HOFFMAN EQUIPMENT - LIONVILLE
120 GORDON DRIVE
LIONVILLE, PA
US 19341
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SAMPLE INFORMATION

Sample Number	VCP452781	VCP365768	---	---
Sample Date	20 May 2024	08 May 2023	---	---
Machine Hours	6030	100	---	---
Oil Hours	2000	100	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ATTENTION	ATTENTION	---	---



OIL CONDITION

Visc @ 40°C	cSt	52.1	266	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	1	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	2	4	---	---



WEAR METALS

Iron	ppm	28	76	---	---
Copper	ppm	4	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	3	3	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	87	29	---	---
Magnesium	ppm	6	3	---	---
Zinc	ppm	48	10	---	---
Phosphorus	ppm	2290	1372	---	---
Barium	ppm	0	0	---	---
Boron	ppm	288	47	---	---

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 oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO8879
Unique No: 11049330
Signed: Don Baldrige
Report Date: 30 May 2024



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GRAPHS

