



CONSTRUCTION EQUIPMENT

SWA532686 VOLVO A40G 352020 - BOGIE/CENTER AXLE



Sample No: VCP423816
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: SWA532686



SAMPLE INFORMATION

Sample Number	VCP423816	VCP322892	VCP342321	---
Sample Date	16 Apr 2024	02 Apr 2024	11 Nov 2021	---
Machine Hours	6476	6397	4531	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

LIBERTY ENVIRONMENTALIST INC
 7900 S MERIDIAN
 CLARKLAKE, MI
 US 49234
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	136	139	237	---
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T: (517)787-1177
 F:

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	5	2	---
Sodium	ppm	1	0	0	---
Potassium	ppm	0	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	73	87	24	---
Copper	ppm	0	0	0	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	14	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	12	15	203	---
Magnesium	ppm	2	<1	68	---
Zinc	ppm	8	12	122	---
Phosphorus	ppm	1783	1934	931	---
Barium	ppm	0	0	0	---
Boron	ppm	234	243	185	---

Depot: LIBCLA
Unique No: 10994028
Signed: Jonathan Hester
Report Date: 25 Apr 2024



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GRAPHS

