



CONSTRUCTION EQUIPMENT

SWA532686 VOLVO A40G 352020 - FRONT AXLE



Sample No: VCP423813
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: SWA532686



SAMPLE INFORMATION

Sample Number	VCP423813	VCP323872	VCP342329	---
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	136	194	---
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T: (517)787-1177
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	5	4	---
Sodium	ppm	1	0	<1	---
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	132	138	90	---
Copper	ppm	0	0	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	1	2	14	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	9	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	65	22	336	---
Magnesium	ppm	25	21	57	---
Zinc	ppm	26	11	186	---
Phosphorus	ppm	1725	1867	883	---
Barium	ppm	0	0	0	---
Boron	ppm	229	239	140	---

Depot: LIBCLA
Unique No: 10994029
Signed: Jonathan Hester
Report Date: 25 Apr 2024



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GRAPHS

