



CONSTRUCTION EQUIPMENT

23909 VOLVO A40G 352850 - BOGIE/CENTER AXLE



Sample No: VCP430765
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23909



SAMPLE INFORMATION

Sample Number	VCP430765	VCP356382	---	---
Sample Date	02 Sep 2023	11 Apr 2022	---	---
Machine Hours	4011	1077	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcham@ascendummachinery.com
 T:
 F: (843)414-1129



OIL CONDITION

Visc @ 40°C	cSt	49.2	49.6	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Silicon	ppm	3	4	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	2	1	---	---



WEAR METALS

Iron	ppm	113	320	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	<1	4	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	28	12	---	---
Magnesium	ppm	5	0	---	---
Zinc	ppm	32	4	---	---
Phosphorus	ppm	2551	2445	---	---
Barium	ppm	0	0	---	---
Boron	ppm	247	270	---	---

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.

Depot: VOLVO3387
Unique No: 10642061
Signed: Don Baldrige
Report Date: 12 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

