



CONSTRUCTION EQUIPMENT

19772 LANE-BLYTHE VOLVO A45GFS 35252 - FRONT AXLE



Sample No: VCP413348
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 19772 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP413348	VCP421947	VCP387537	---
Sample Date	05 Oct 2023	09 Jun 2023	25 Aug 2022	---
Machine Hours	6445	5446	4182	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
 2002 N GREENE ST
 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	51.7	51.6	146	---
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CONTAMINATION

Silicon	ppm	3	2	4	---
Sodium	ppm	0	<1	0	---
Potassium	ppm	2	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	121	76	101	---
Copper	ppm	1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	0	2	---
Chromium	ppm	1	<1	1	---
Molybdenum	ppm	4	3	21	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	1	---
Manganese	ppm	3	2	3	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	34	25	182	---
Magnesium	ppm	21	18	62	---
Zinc	ppm	21	15	117	---
Phosphorus	ppm	2365	2466	582	---
Barium	ppm	<1	0	0	---
Boron	ppm	265	301	33	---

Depot: VOLVO8769
Unique No: 10702497
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

