



CONSTRUCTION EQUIPMENT

19770 LANE-BLYTHE VOLVO A45GFS 352230 - REAR AXLE



Sample No: VCP443382
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 19770 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP443382	VCP418597	---	---
Sample Date	18 Oct 2023	07 Jun 2023	---	---
Machine Hours	4097	3621	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
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 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	152	152	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	2	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	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	113	115	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	5	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	32	20	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	18	8	---	---
Phosphorus	ppm	1313	1313	---	---
Barium	ppm	0	0	---	---
Boron	ppm	229	270	---	---

Depot: VOLVO8769
Unique No: 10755936
Signed: Sean Felton
Report Date: 28 Nov 2023



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GRAPHS

