



CONSTRUCTION EQUIPMENT

19768 LANE-BLYTHE VOLVO A45G 352253 - DROP BOX



Sample No: VCP443173
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 19768 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP443173	VCP415687	VCP335872	---
Sample Date	06 Oct 2023	06 Jun 2023	24 Aug 2022	---
Machine Hours	5191	4749	3927	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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

Visc @ 40°C	cSt	190	191	224	---
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CONTAMINATION

Silicon	ppm	10	8	7	---
Sodium	ppm	2	4	2	---
Potassium	ppm	2	<1	0	---



WEAR METALS

Iron	ppm	357	286	260	---
Copper	ppm	4	3	2	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	1	---
Aluminum	ppm	8	5	11	---
Chromium	ppm	4	4	4	---
Molybdenum	ppm	19	18	17	---
Nickel	ppm	2	2	2	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	3	---
Manganese	ppm	4	4	3	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	104	107	84	---
Magnesium	ppm	27	29	25	---
Zinc	ppm	52	49	41	---
Phosphorus	ppm	576	574	389	---
Barium	ppm	<1	0	0	---
Boron	ppm	50	54	35	---

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: VOLVO8769
Unique No: 10702492
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

