



CONSTRUCTION EQUIPMENT

25458 VOLVO A45G 342052 - BOGIE/CENTER AXLE



Sample No: VCP422217
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25458



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
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SAMPLE INFORMATION

Sample Number	VCP422217	VCE254586	---	---
Sample Date	01 May 2024	07 Dec 2018	---	---
Machine Hours	8114	3852	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	SEVERE	---	---



OIL CONDITION

Visc @ 40°C	cSt	50.6	103.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	7	---	---
Sodium	ppm	4	<1	---	---
Potassium	ppm	6	0	---	---



WEAR METALS

Iron	ppm	601	56	---	---
Copper	ppm	14	<1	---	---
Lead	ppm	2	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	8	<1	---	---
Molybdenum	ppm	14	<1	---	---
Nickel	ppm	4	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	16	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	221	6	---	---
Magnesium	ppm	10	<1	---	---
Zinc	ppm	117	3	---	---
Phosphorus	ppm	2160	1244	---	---
Barium	ppm	0	0	---	---
Boron	ppm	201	219	---	---

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: 11016380
Signed: Wes Davis
Report Date: 07 May 2024



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GRAPHS

