



CONSTRUCTION EQUIPMENT

25458 VOLVO A45G 342052 - DROP BOX



Sample No: VCP421555
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 25458



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

Sample Number	VCP421555	VCP177693	---	---
Sample Date	01 May 2024	12 May 2017	---	---
Machine Hours	8114	435	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	52.0	52.24	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	24	14	---	---
Sodium	ppm	4	8	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	661	20	---	---
Copper	ppm	3	<1	---	---
Lead	ppm	2	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	11	2	---	---
Chromium	ppm	7	<1	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	2	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	10	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	665	32	---	---
Magnesium	ppm	3	<1	---	---
Zinc	ppm	401	30	---	---
Phosphorus	ppm	2045	2192	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	129	234	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. 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: 11016395
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

