



CONSTRUCTION EQUIPMENT

25458 VOLVO A45G 342052 - FRONT AXLE



Sample No: VCP421576
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
 US 29418
 Contact: MATT MITCHAM
 matt.mitcham@ascendummachinery.com
 T:
 F: (843)414-1129



SAMPLE INFORMATION

Sample Number	VCP421576	VCE254610	---	---
Sample Date	01 May 2024	07 Dec 2018	---	---
Machine Hours	8114	3852	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	51.2	103.5	---	---
-------------	-----	-------------	-------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	6	---	---
Sodium	ppm	3	<1	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	212	77	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	1	0	---	---
Tin	ppm	2	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	9	<1	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	91	1	---	---
Magnesium	ppm	10	0	---	---
Zinc	ppm	65	1	---	---
Phosphorus	ppm	2297	1274	---	---
Barium	ppm	0	0	---	---
Boron	ppm	216	224	---	---

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: 11016396
Signed: Wes Davis
Report Date: 07 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

