



CONSTRUCTION EQUIPMENT

25458 VOLVO A45G 342052 - REAR AXLE



Sample No: VCP422221
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25458



SAMPLE INFORMATION

Sample Number	VCP422221	VCE254607	---	---
Sample Date	01 May 2024	07 Dec 2018	---	---
Machine Hours	8114	3852	---	---
Oil Hours	0	3852	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	89.5	102.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	3	---	---
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	129	19	---	---
Copper	ppm	2	0	---	---
Lead	ppm	1	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	3	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	3	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	45	3	---	---
Magnesium	ppm	4	<1	---	---
Zinc	ppm	36	3	---	---
Phosphorus	ppm	493	1242	---	---
Barium	ppm	0	0	---	---
Boron	ppm	33	220	---	---

Depot: VOLVO3387
Unique No: 11016394
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

