



CONSTRUCTION EQUIPMENT

23664 VOLVO EC350 314351 - SWING DRIVE



Sample No: VCP404636
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23664



SAMPLE INFORMATION

Sample Number	VCP404636	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	1914	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	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	169	---	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	16	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	293	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	68	---	---	---
Phosphorus	ppm	300	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3387
Unique No: 10548323
Signed: Don Baldrige
Report Date: 10 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

