



CONSTRUCTION EQUIPMENT

25641 VOLVO EC350E 314526 - SWING DRIVE



Sample No: VCP447518
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25641



SAMPLE INFORMATION

Sample Number	VCP447518	VCP404416	---	---
Sample Date	16 May 2024	10 Mar 2023	---	---
Machine Hours	2086	400	---	---
Oil Hours	0	600	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	163	160	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	37	9	---	---
Sodium	ppm	3	<1	---	---
Potassium	ppm	0	0	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	254	58	---	---
Copper	ppm	17	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	4	2	---	---
Chromium	ppm	3	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	7	5	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	72	3	---	---
Phosphorus	ppm	364	263	---	---
Barium	ppm	2	0	---	---
Boron	ppm	5	0	---	---

Depot: VOLVO3387
Unique No: 11043306
Signed: Don Baldrige
Report Date: 23 May 2024



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GRAPHS

