



CONSTRUCTION EQUIPMENT

25032 VOLVO EC200 314137 - SWING DRIVE



Sample No: VCP441025
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25032



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
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SAMPLE INFORMATION

Sample Number	VCP441025	---	---	---
Sample Date	15 Feb 2024	---	---	---
Machine Hours	3025	---	---	---
Oil Hours	3025	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 185	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 128	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 10	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	● 25	---	---	---
Phosphorus	ppm	● 388	---	---	---
Barium	ppm	■ 5	---	---	---
Boron	ppm	● <1	---	---	---

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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO3387
Unique No: 10898673
Signed: Jonathan Hester
Report Date: 01 Mar 2024



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GRAPHS

