



CONSTRUCTION EQUIPMENT

25627 VOLVO EC235E 315974 - REAR LEFT FINAL DRIVE



Sample No: VCP447668
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25627



SAMPLE INFORMATION

Sample Number	VCP447668	---	---	---
Sample Date	13 May 2024	---	---	---
Machine Hours	561	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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	● 170	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 28	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 208	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 0	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	● 5	---	---	---
Phosphorus	ppm	● 366	---	---	---
Barium	ppm	■ 0	---	---	---
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. The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO3387
Unique No: 11036058
Signed: Sean Felton
Report Date: 22 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

