



CONSTRUCTION EQUIPMENT

VOLVO EC380 315773 - SWING DRIVE



Sample No: VCP455216
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



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

Sample Number	VCP455216	---	---	---
Sample Date	16 Apr 2024	---	---	---
Machine Hours	589	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 155	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 169	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 21	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 21	---	---	---
Phosphorus	ppm	■ 342	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 10	---	---	---

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. Confirm oil type.

Depot: VOLVO3387
Unique No: 10991838
Signed: Don Baldrige
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

