



CONSTRUCTION EQUIPMENT

VOLVO A30G 753733 - DROP BOX



Sample No: VCP453890
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
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	VCP453890	---	---	---
Sample Date	21 May 2024	---	---	---
Machine Hours	138	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 52.74	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 28	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 49	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 26	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	● 21	---	---	---
Phosphorus	ppm	● 2450	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 259	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO3387
Unique No: 11056513
Signed: Jonathan Hester
Report Date: 03 Jun 2024



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GRAPHS

