



CONSTRUCTION EQUIPMENT

VOLVO A30G 753733 - REAR AXLE



Sample No: VCP453882
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
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SAMPLE INFORMATION

Sample Number	VCP453882	---	---	---
Sample Date	21 May 2024	---	---	---
Machine Hours	138	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 102	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 268	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 13	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 264	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 100	---	---	---
Phosphorus	ppm	█ 1485	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 364	---	---	---

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 condition of the oil is acceptable for the time in service.

Depot: VOLVO3387
Unique No: 11056515
Signed: Jonathan Hester
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

