



CONSTRUCTION EQUIPMENT

W02008186 VOLVO A30D 14025 - FRONT AXLE



Sample No: ML0001596
Oil Type: {unknown}
Job No: W02008186



SAMPLE INFORMATION

Sample Number	ML0001596	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	21012	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

WILLIAM HAZEL

PO BOX 600
 CHANTILLY, VA
 US 20153

Contact: SERVICE MANAGER
 jimmy_elswick@wahazel.com
 T: (703)378-8300
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 287	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

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.



WEAR METALS

Iron	ppm	█ 328	---	---	---
Copper	ppm	█ 23	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	< 1	---	---	---



ADDITIVES

Calcium	ppm	201	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	109	---	---	---
Phosphorus	ppm	973	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	166	---	---	---

Depot: WILCHA
Unique No: 10980842
Signed: Don Baldrige
Report Date: 18 Apr 2024



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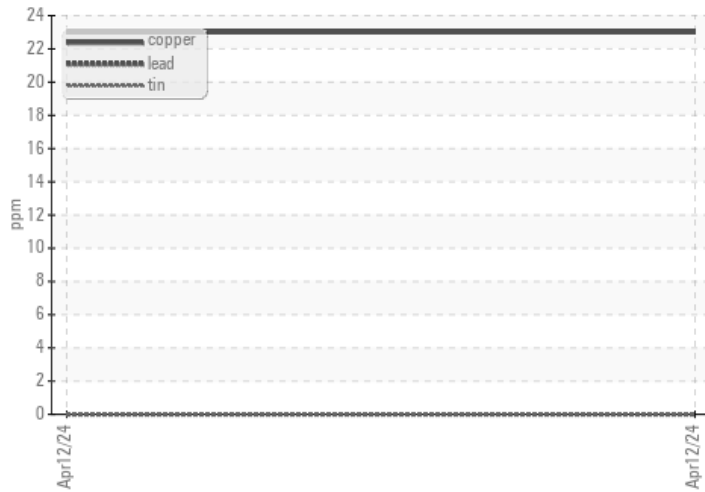


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

