



CONSTRUCTION EQUIPMENT

X47408 TADANO GR350XL-3 5623 18 - HYDRAULIC SYSTEM



Sample No: VCP418711
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: X47408



SAMPLE INFORMATION

Sample Number	VCP418711	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	1475	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Lake Charles
 PO BOX 16955
 LAKE CHARLES, LA
 US 70616
 Contact: TINA LEDOUX
 tledoux@scottcompanies.com
 T: (337)433-9811
 F: (318)433-6623



OIL CONDITION

Visc @ 40°C	cSt	▲ 34.9	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.18	---	---	---



CONTAMINATION

Silicon	ppm	■ 0	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	▲ 18	---	---	---
Magnesium	ppm	▲ <1	---	---	---
Zinc	ppm	▲ 34	---	---	---
Phosphorus	ppm	▲ 592	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	▲ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

Depot: VOLVO6244
Unique No: 10621334
Signed: Don Baldrige
Report Date: 29 Aug 2023

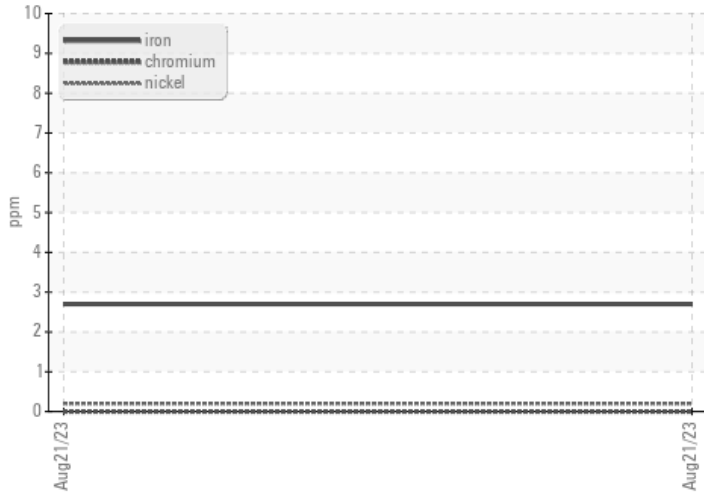


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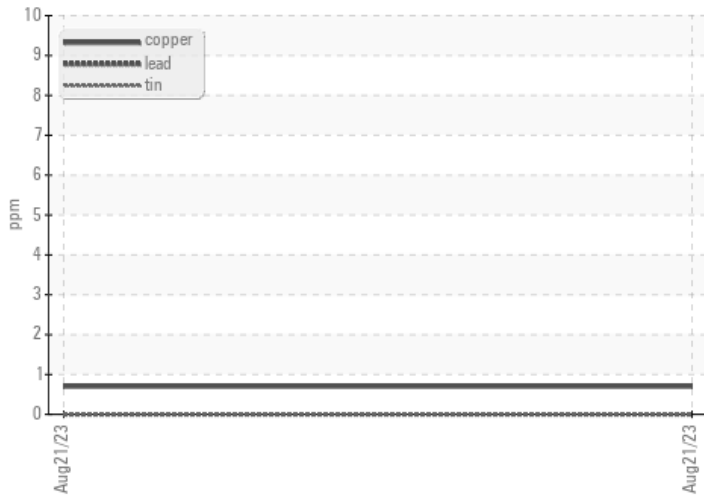


GRAPHS

Ferrous Alloys



Non-ferrous Metals



▲ Viscosity @ 40°C



Acid Number

