



CONSTRUCTION EQUIPMENT

SPM538996 ALTA RENTS TAKEUCHI TL12R2 412 105347 - HYDRAULIC SYSTEM



Sample No: VCP400775
Oil Type: DIESEL ENGINE OIL SAE 10W30
Job No: SPM538996 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP400775	---	---	---
Sample Date	17 Apr 2023	---	---	---
Machine Hours	524	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 BURTON, MI
 US 48529
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 44.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.84	---	---	---



CONTAMINATION

Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 16	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 3815	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 747	---	---	---
Phosphorus	ppm	█ 613	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 14	---	---	---

Diagnosis

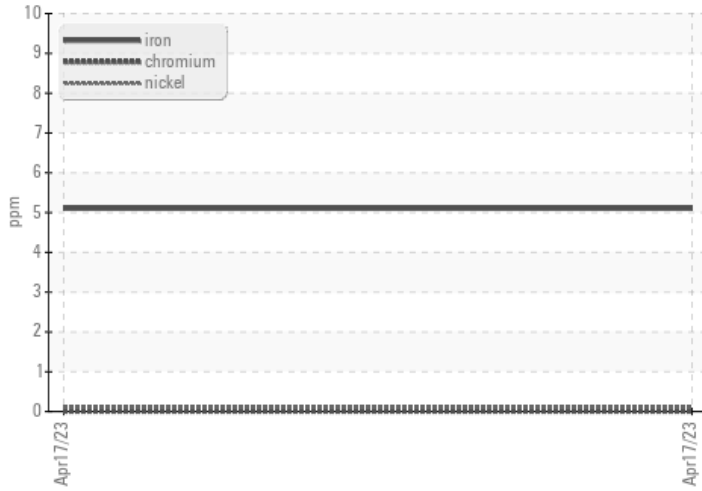
The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Depot: VOLVO5023
Unique No: 10444586
Signed: Angela Borella
Report Date: 28 Apr 2023

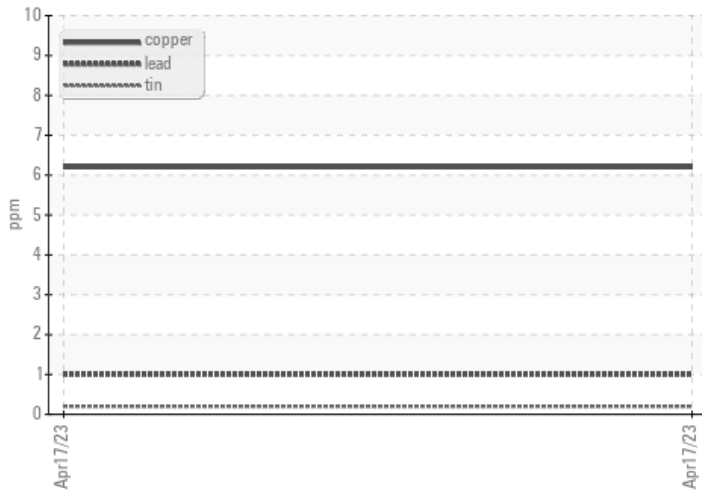


GRAPHS

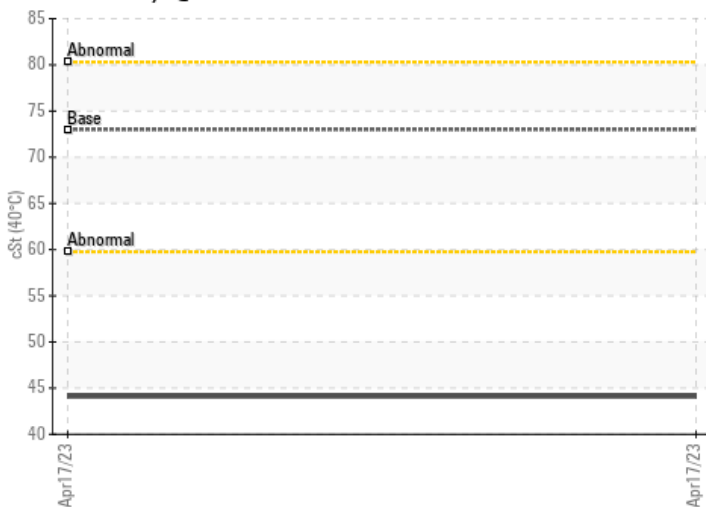
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

