



CONSTRUCTION EQUIPMENT

SPM661533 VOLVO EC220 315909 - HYDRAULIC SYSTEM



Sample No: VCP445688
Oil Type: {unknown}
Job No: SPM661533



ALTA EQUIPMENT COMPANY
5210 REESE ROAD
DAVIE, FL
US 33314
Contact: N. FACEY
nfacey@altaequipfl.com
T: (954)581-4744
F: (954)583-0318



SAMPLE INFORMATION

Sample Number	VCP445688	---	---	---
Sample Date	18 Feb 2024	---	---	---
Machine Hours	810	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 42.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.50	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	86	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	544	---	---	---
Phosphorus	ppm	385	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO0095
Unique No: 10899789
Signed: Jonathan Hester
Report Date: 29 Feb 2024



CONSTRUCTION EQUIPMENT

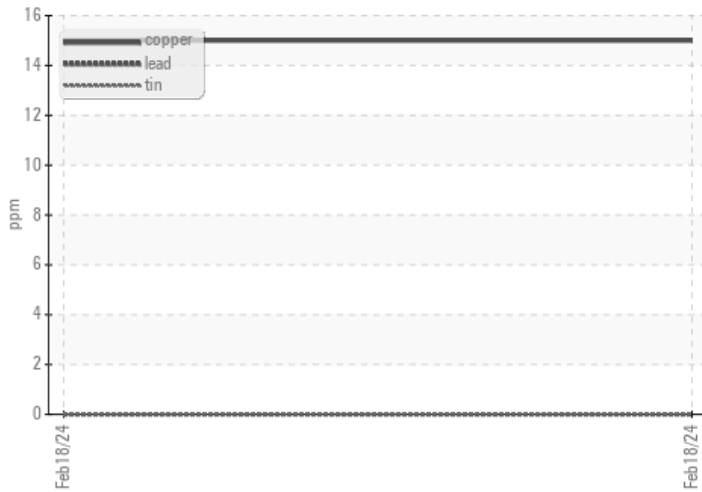


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

