



CONSTRUCTION EQUIPMENT

X47652 BRODERSON IC80 3L 77237580 - HYDRAULIC SYSTEM



Sample No: VCP414525
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: X47652



SAMPLE INFORMATION

Sample Number	VCP414525	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	731	---	---	---
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	█ 43.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	---	---	---



CONTAMINATION

Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 45	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 408	---	---	---
Phosphorus	ppm	█ 311	---	---	---
Barium	ppm	█ 0	---	---	---
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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO6244
Unique No: 10657637
Signed: Jonathan Hester
Report Date: 22 Sep 2023

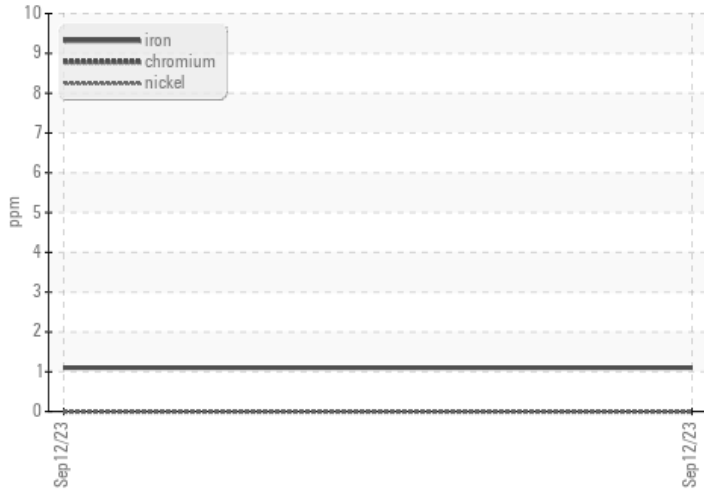


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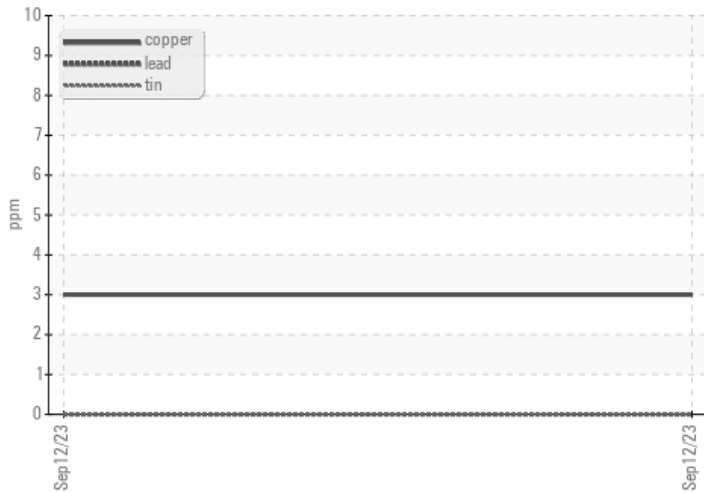


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

