



CONSTRUCTION EQUIPMENT

SWA398450 AVANT 860 112077 - HYDRAULIC SYSTEM



Sample No: VCP408135
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SWA398450



SAMPLE INFORMATION

Sample Number	VCP408135	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	103	---	---	---
Oil Hours	103	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY- BYRON CENTER
 8840 BYRON COMMERCE DR SW
 BYRON CENTER, MI
 US 49315
 Contact: TYLER FLATH
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 T: (616)210-0364
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OIL CONDITION

Visc @ 40°C	cSt	█ 42.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.42	---	---	---



CONTAMINATION

Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 51	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 428	---	---	---
Phosphorus	ppm	█ 287	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

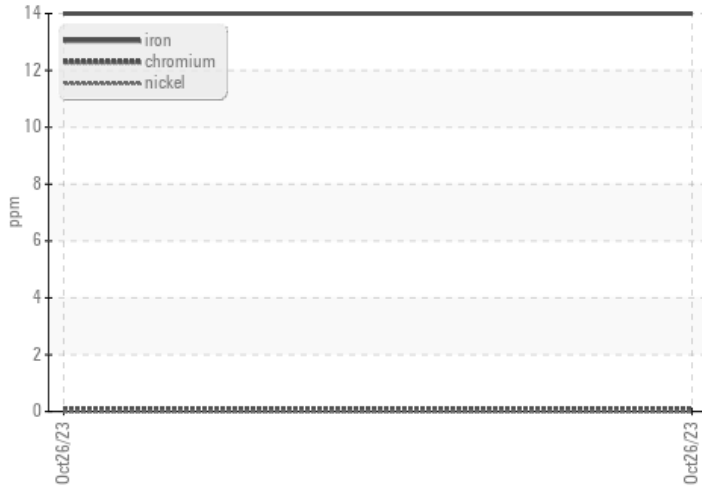
We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO0046
Unique No: 10725698
Signed: Don Baldrige
Report Date: 05 Nov 2023



GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

