



CONSTRUCTION EQUIPMENT

SW0063666 BALDWIN ASTEC SB-3000 4083 - HYDRAULIC SYSTEM



Sample No: VCP388239
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SW0063666 BALDWIN



SAMPLE INFORMATION

Sample Number	VCP388239	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	1611	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COWIN EQUIPMENT - ATLANTA

5710 RIVERVIEW RD
 MABLETON, GA
 US 30126

Contact: MIKE ANDREWS
 mandrews@cowin.com
 T: (404)690-7210
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 45.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.68	---	---	---



CONTAMINATION

Water	%	▲ 0.515	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high concentration of water present in the oil. Excessive free water present. The AN level is acceptable for this fluid.



WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 163	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 575	---	---	---
Phosphorus	ppm	█ 395	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: COWMAB
Unique No: 10539462
Signed: Angela Borella
Report Date: 06 Jul 2023

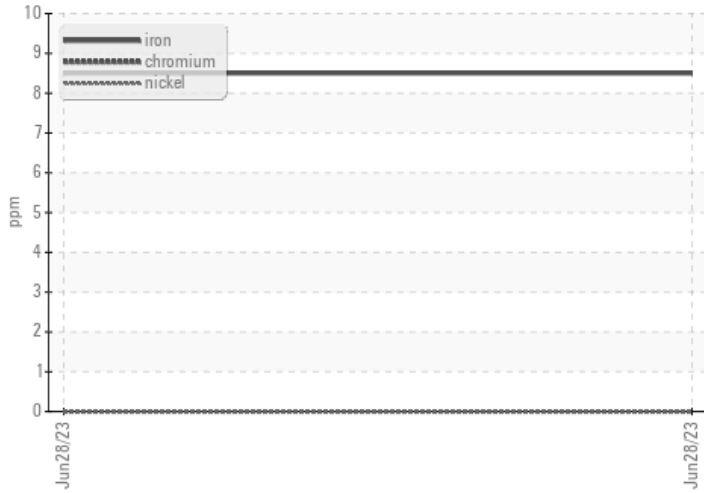


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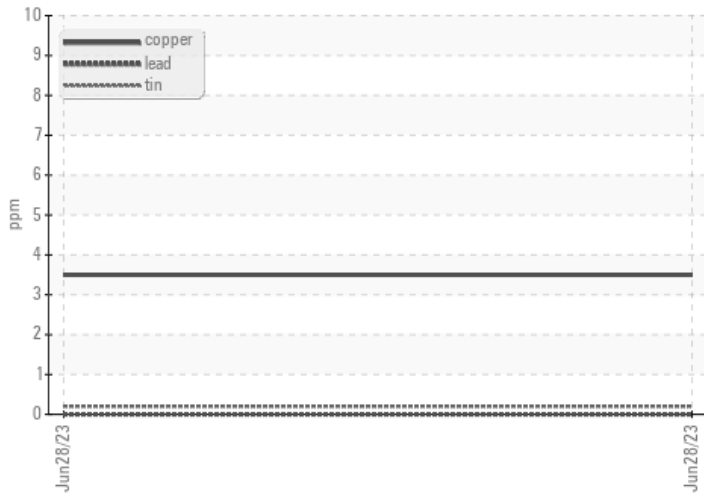


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

