



CONSTRUCTION EQUIPMENT

RS0038638 BOMAG BW177PDH-5 101587101101 - HYDRAULIC SYSTEM



Sample No: VCP438636
Oil Type: {unknown}
Job No: RS0038638



SAMPLE INFORMATION

Sample Number	VCP438636	---	---	---
Sample Date	02 Jul 2024	---	---	---
Machine Hours	455	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
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	23.9	---	---	---
Acid Number (AN)	mg KOH/g	0.56	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	14	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	6	---	---	---
Copper	ppm	16	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	16	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	421	---	---	---
Phosphorus	ppm	364	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: COWMAB

Unique No: 11111965

Signed: Jonathan Hester

Report Date: 08 Jul 2024

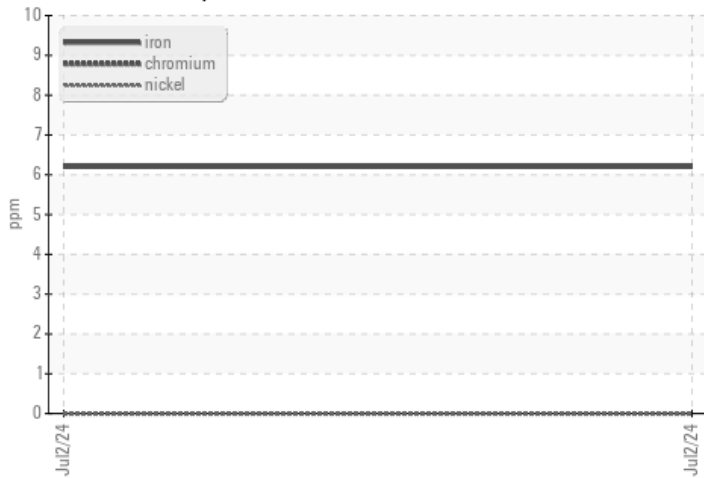


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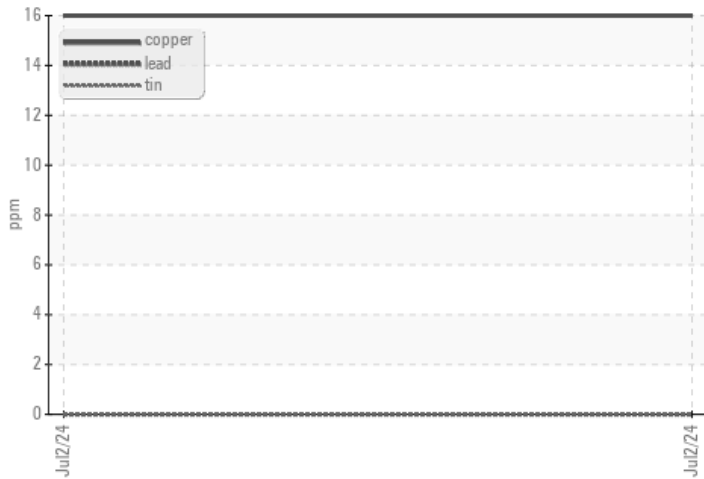


GRAPHS

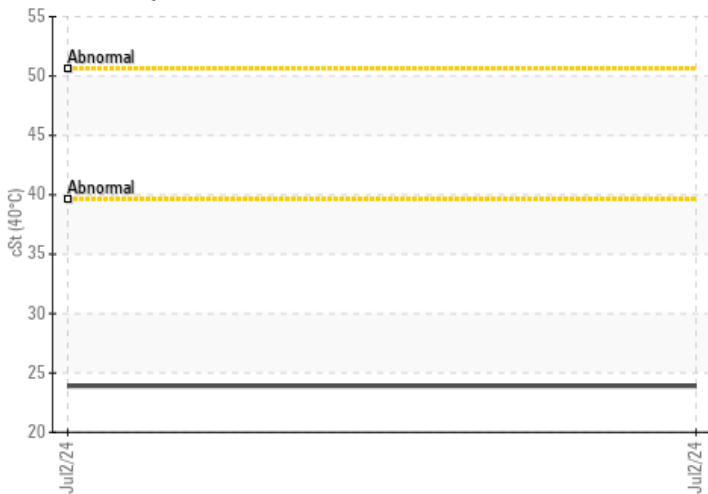
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

