



# CONSTRUCTION EQUIPMENT

BRUNDAGE KOHLER C739820 - GENSET



**Sample No:** VCP058541  
**Oil Type:** {unknown}  
**Job No:**



## SAMPLE INFORMATION

Sample Number	VCP058541	---	---	---
Sample Date	05 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**Outstanding Marine**  
 PO Box 274  
 GALENA, MD  
 US 21635  
 Contact: Ronda Bolinger  
 rlwb@verizon.net  
 T:  
 F:



## OIL CONDITION

Visc @ 100°C	cSt	█ 14.44	---	---	---
Base Number (BN)	mg KOH/g	█ 10.4	---	---	---
Oxidation (PA)	%	82	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	108	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 8	---	---	---



## WEAR METALS

Iron	ppm	▲ 70	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	1975	---	---	---
Magnesium	ppm	232	---	---	---
Zinc	ppm	1280	---	---	---
Phosphorus	ppm	1010	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	83	---	---	---

**Depot:** VP153685  
**Unique No:** 10806369  
**Signed:** Jonathan Hester  
**Report Date:** 02 Jan 2024

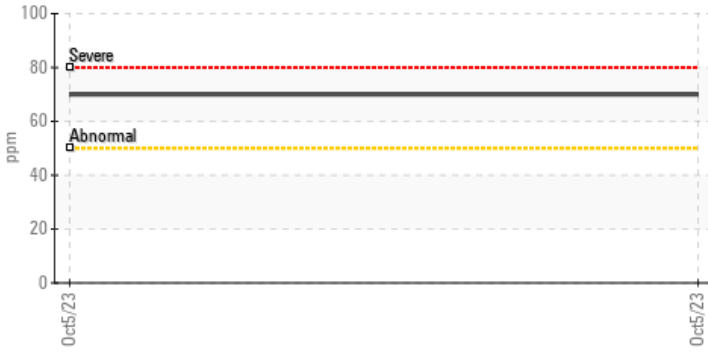


# CONSTRUCTION EQUIPMENT

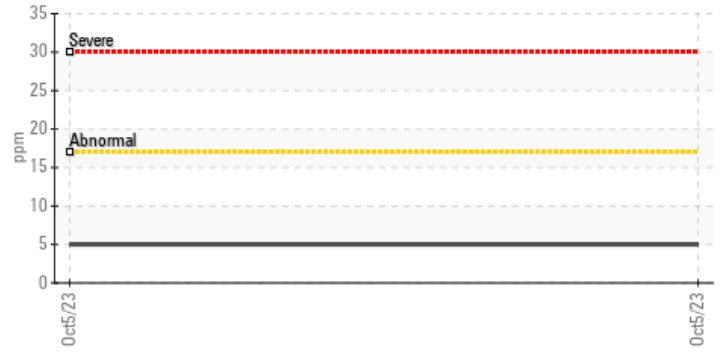


## GRAPHS

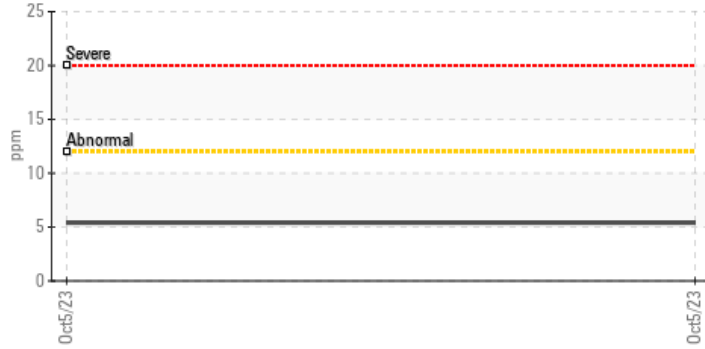
### ▲ Iron (ppm)



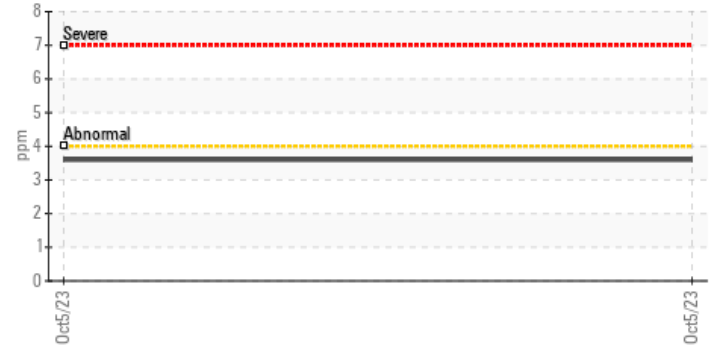
### Lead (ppm)



### Aluminum (ppm)



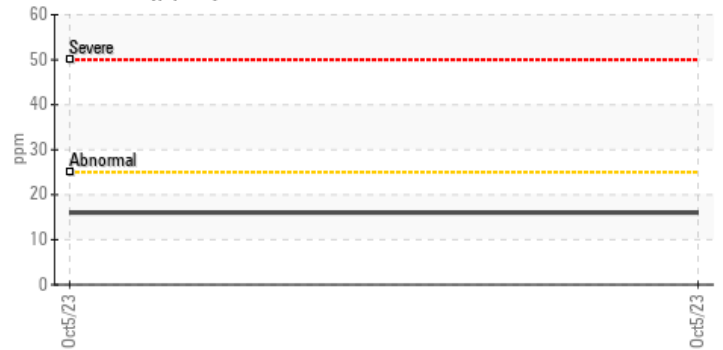
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Base Number

