



# CONSTRUCTION EQUIPMENT

BRAD DODGE RAM 3500 NO UNIT VCP380278 - DIESEL ENGINE



Sample No: VCP380278

Oil Type: NOT GIVEN

Job No: BRAD



## SAMPLE INFORMATION

Sample Number	VCP380278	---	---	---
Sample Date	18 Aug 2023	---	---	---
Machine Hours	3000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**STRONGCO EQUIPMENT INC.**  
 55 ISNOR DRIVE, BURNSIDE INDUSTRIALPARK  
 DARTMOUTH, NS  
 CA B3B 1N6  
 Contact: Justin Hennigar  
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## OIL CONDITION

Visc @ 100°C	cSt	10.3	---	---	---
Oxidation (PA)	%	59	---	---	---



## CONTAMINATION

Soot %	%	0.3	---	---	---
Nitration (PA)	%	73	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	0.0	---	---	---
Fuel	%	5.5	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	71	---	---	---
Potassium	ppm	15	---	---	---



## WEAR METALS

Iron	ppm	42	---	---	---
Copper	ppm	16	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	41	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	1704	---	---	---
Magnesium	ppm	214	---	---	---
Zinc	ppm	980	---	---	---
Phosphorus	ppm	903	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	54	---	---	---

## Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: SHEDAR  
 Unique No: 5631132  
 Signed: Kevin Marson  
 Report Date: 25 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

