



# CONSTRUCTION EQUIPMENT

## PUMP 2 - PUMP



**Sample No:** VCP386778  
**Oil Type:** NOT GIVEN  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP386778</b>	VCP386945	VCP386944	---
Sample Date	<b>22 Sep 2023</b>	15 Sep 2023	24 Jan 2023	---
Machine Hours	<b>0</b>	0	0	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>N/A</b>	N/A	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

**HOLCIM US**  
 3210 WATLING ST  
 EAST CHICAGO, IN  
 US 46312  
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 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>149</b>	147	149	---
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### CONTAMINATION

Water	%	---	---	▲ 0.112	---
Silicon	ppm	<b>3</b>	13	13	---
Sodium	ppm	<b>0</b>	<1	0	---
Potassium	ppm	<b>0</b>	<1	0	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>6</b>	7	9	---
Copper	ppm	<b>0</b>	<1	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>1</b>	0	0	---
Chromium	ppm	<b>0</b>	<1	0	---
Molybdenum	ppm	<b>0</b>	<1	0	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>13</b>	3	2	---
Magnesium	ppm	<b>0</b>	<1	0	---
Zinc	ppm	<b>0</b>	2	<1	---
Phosphorus	ppm	<b>99</b>	95	82	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>0</b>	4	0	---

**Depot:** HOLEASIN  
**Unique No:** 10669059  
**Signed:** Wes Davis  
**Report Date:** 28 Sep 2023



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## GRAPHS

