



# CONSTRUCTION EQUIPMENT

## KOMATSU WA500-8 WP7225 - FRONT AXLE



**Sample No:** VCP443405  
**Oil Type:** KOMATSU 80W  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP443405	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	9426	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**LEGACY MATERIALS**  
 5740 UTE CT  
 VAN METER, IA  
 US 50038  
 Contact: ALEX  
 qc@legacymaterials.org  
 T: (641)840-1326  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	█ 52.7	---	---	---
-------------	-----	--------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

### 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 condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ 88	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	3353	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	1418	---	---	---
Phosphorus	ppm	1064	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	116	---	---	---

**Depot:** LEGVAN  
**Unique No:** 11075563  
**Signed:** Don Baldrige  
**Report Date:** 14 Jun 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

