



# CONSTRUCTION EQUIPMENT

SPM567738 KOMATSU PC490 A42 178 - SWING DRIVE



**Sample No:** VCP409269

**Oil Type:** TDTO FLUID SAE 30

**Job No:** SPM567738



## SAMPLE INFORMATION

Sample Number	VCP409269	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### JOHN KENO & CO

750 RICARD LN  
ELK GROVE VILLAGE, IL  
US 60007

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F:



## OIL CONDITION

Visc @ 40°C	cSt	■ 98.1	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---



## WEAR METALS

Iron	ppm	■ 87	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
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	■ 3915	---	---	---
Magnesium	ppm	■ 19	---	---	---
Zinc	ppm	■ 895	---	---	---
Phosphorus	ppm	■ 762	---	---	---
Barium	ppm	■ 5	---	---	---
Boron	ppm	■ 0	---	---	---

## 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.

**Depot:** JOHELK

**Unique No:** 10548923

**Signed:** Don Baldrige

**Report Date:** 11 Jul 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

