



# CONSTRUCTION EQUIPMENT

SWO-064931 EPIROC TMG21 SED0492 - GEARBOX



**Sample No:** VCP414064  
**Oil Type:** GEAR OIL (PAO) ISO 220  
**Job No:** SWO-064931



## SAMPLE INFORMATION

Sample Number	VCP414064	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	3744	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	█ 214	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 122	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 22	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 37	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 426	---	---	---
Barium	ppm	█ 0	---	---	---
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:** SAIBIR  
**Unique No:** 10622849  
**Signed:** Don Baldrige  
**Report Date:** 30 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

