



# CONSTRUCTION EQUIPMENT

552084 MOSAIC TAKEUCHI TL10V2 410006491 - DIESEL ENGINE



**Sample No:** VCP424862  
**Oil Type:** TAKEUCHI 10W30  
**Job No:** 552084 MOSAIC



## SAMPLE INFORMATION

Sample Number	VCP424862	---	---	---
Sample Date	09 Jun 2023	---	---	---
Machine Hours	57	---	---	---
Oil Hours	57	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 11.0	---	---	---
Base Number (BN)	mg KOH/g	█ 8.3	---	---	---
Oxidation (PA)	%	█ 38	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 53	---	---	---
Sulfation (PA)	%	█ 44	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 20	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ <1	---	---	---



## ADDITIVES

Calcium	ppm	█ 2185	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 933	---	---	---
Phosphorus	ppm	█ 776	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 10550575  
**Signed:** Wes Davis  
**Report Date:** 11 Jul 2023



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## GRAPHS

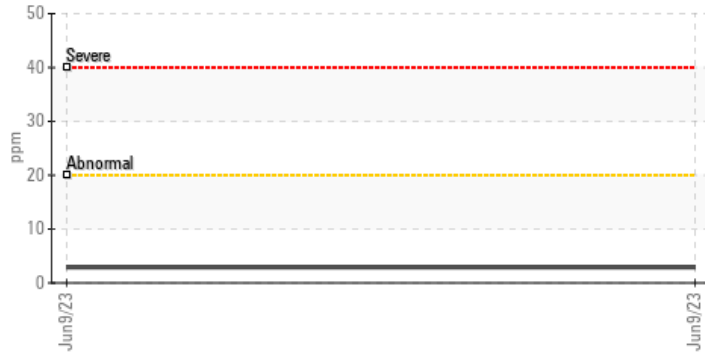
### Iron (ppm)



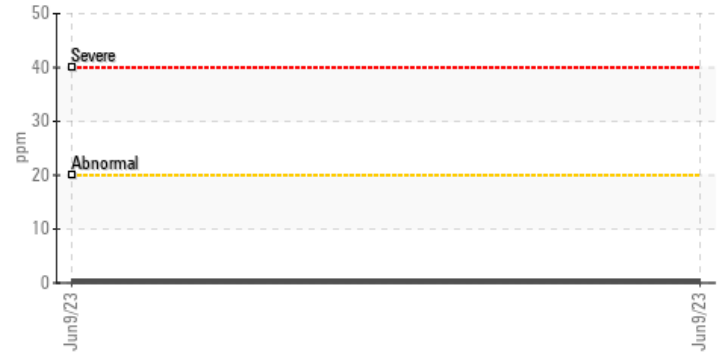
### Lead (ppm)



### Aluminum (ppm)



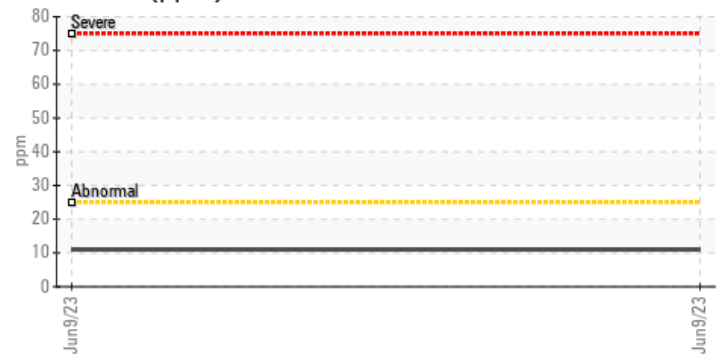
### Chromium (ppm)



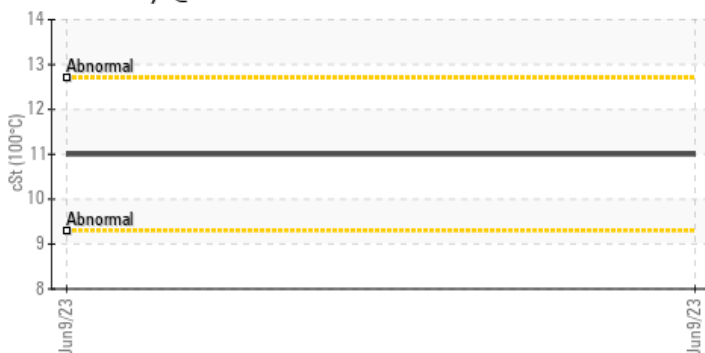
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Base Number

