



# CONSTRUCTION EQUIPMENT

SPM701869 CRANE MAST CRAWLER CRANE 200-101 77V15724 - DIESEL ENGINE



**Sample No:** VCP439224  
**Oil Type:** DIESEL ENGINE OIL SAE 10W30  
**Job No:** SPM701869 CRANE MAST



## SAMPLE INFORMATION

Sample Number	VCP439224	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	3921	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 10.9	---	---	---
Base Number (BN)	mg KOH/g	█ 8.1	---	---	---
Oxidation (PA)	%	62	---	---	---

## 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 60	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1225	---	---	---
Magnesium	ppm	█ 882	---	---	---
Zinc	ppm	█ 1303	---	---	---
Phosphorus	ppm	█ 1050	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 24	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 11016907  
**Signed:** Wes Davis  
**Report Date:** 08 May 2024



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## GRAPHS

