



# CONSTRUCTION EQUIPMENT

675483 MACK CONST TAKEUCHI TL8 408006479 - DIESEL ENGINE



**Sample No:** VCP446618  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 675483 MACK CONST



## SAMPLE INFORMATION

Sample Number	VCP446618	---	---	---
Sample Date	26 Feb 2024	---	---	---
Machine Hours	97	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	● 11.2	---	---	---
Base Number (BN)	mg KOH/g	■ 7.6	---	---	---
Oxidation (PA)	%	40	---	---	---

## Diagnosis



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	43	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 1.0	---	---	---
Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 2	---	---	---



## WEAR METALS

Iron	ppm	■ 10	---	---	---
Copper	ppm	■ 25	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 2343	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	■ 1072	---	---	---
Phosphorus	ppm	■ 894	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 3	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 10902242  
**Signed:** Jonathan Hester  
**Report Date:** 04 Mar 2024



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## GRAPHS

