



# CONSTRUCTION EQUIPMENT

ASPLENDH TAKEUCHI TL12R2 412101554 - DIESEL ENGINE



**Sample No:** VCP315463  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** ASPLENDH



## SAMPLE INFORMATION

Sample Number	VCP315463	---	---	---
Sample Date	06 Jan 2022	---	---	---
Machine Hours	1434	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

**McClung-Logan Virginia LLC- RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
 US 23060  
 Contact: KYLE RATLIFF  
 KRATLIFFE@MCCLUNG-LOGAN.COM  
 T:  
 F: (804)266-1611



## OIL CONDITION

Visc @ 100°C	cSt	▲ 11.9	---	---	---
Base Number (BN)	mg KOH/g	■ 7.6	---	---	---
Oxidation (PA)	%	45	---	---	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.



## CONTAMINATION

Soot %	%	■ 0.7	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 0.7	---	---	---
Silicon	ppm	■ 20	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ 6	---	---	---



## WEAR METALS

Iron	ppm	■ 49	---	---	---
Copper	ppm	■ 30	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 16	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 2262	---	---	---
Magnesium	ppm	■ 28	---	---	---
Zinc	ppm	■ 1012	---	---	---
Phosphorus	ppm	■ 837	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 4	---	---	---

**Depot:** VOLVO8882  
**Unique No:** 9804125  
**Signed:** Don Baldrige  
**Report Date:** 12 Jan 2022



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## GRAPHS

