



# CONSTRUCTION EQUIPMENT

SPM568157 VOLVO L70F 62006 - DIESEL ENGINE



**Sample No:** VCP399549  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** SPM568157



## SAMPLE INFORMATION

Sample Number	VCP399549	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	15656	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

## WASTE MANAGEMENT SERVICE

MILAM RDF, 601 MADISON ROAD  
 EAST SAINT LOUIS, IL  
 US 62201  
 Contact: KIRK SCHMIDT  
 kschmid4@wm.com  
 T:  
 F:



## OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Base Number (BN)	mg KOH/g	█ 9.4	---	---	---
Oxidation (PA)	%	58	---	---	---

## 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

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 4	---	---	---



## WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 62	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1131	---	---	---
Magnesium	ppm	█ 1053	---	---	---
Zinc	ppm	█ 1395	---	---	---
Phosphorus	ppm	█ 1112	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 4	---	---	---

**Depot:** WASEASIL  
**Unique No:** 10560513  
**Signed:** Wes Davis  
**Report Date:** 17 Jul 2023



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## GRAPHS

