



# CONSTRUCTION EQUIPMENT

## PETERBILT 337 CM143534 - DIESEL ENGINE



**Sample No:** VCP376608  
**Oil Type:** MOBIL 15W40  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP376608	---	---	---
Sample Date	24 Mar 2024	---	---	---
Machine Hours	25000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**SILVERPOINT ENTERPRISES**  
 637N 2743E  
 ROBERTS, ID  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 15.8	---	---	---
Base Number (BN)	mg KOH/g	▲ 3.9	---	---	---
Oxidation (PA)	%	265	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Sodium and/or potassium levels are high. Test for glycol is negative. The BN level is low. The condition of the oil is acceptable for the time in service.



### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 2.5	---	---	---
Nitration (PA)	%	230	---	---	---
Sulfation (PA)	%	122	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 26	---	---	---
Sodium	ppm	█ 21	---	---	---
Potassium	ppm	▲ 87	---	---	---



### WEAR METALS

Iron	ppm	█ 241	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 9	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 11	---	---	---
Molybdenum	ppm	█ 54	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 1531	---	---	---
Magnesium	ppm	█ 465	---	---	---
Zinc	ppm	█ 1158	---	---	---
Phosphorus	ppm	█ 1027	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 96	---	---	---

**Depot:** SILROBID  
**Unique No:** 11022910  
**Signed:** Jonathan Hester  
**Report Date:** 17 May 2024



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## GRAPHS

