



# CONSTRUCTION EQUIPMENT

## PETERBILT 337 FM307819 - TRANSMISSION



**Sample No:** VCP446688  
**Oil Type:** MOBIL MOBILTRANS HD 50  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP446688	---	---	---
Sample Date	01 Jul 2024	---	---	---
Machine Hours	8800	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### SILVERPOINT ENTERPRISES

637N 2743E  
 ROBERTS, ID  
 US 83444  
 Contact: BRADLEY HAHN  
 silverpointenterprises20@gmail.com  
 T: (208)270-1141  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	● 117	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 41	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 4	---	---	---



### WEAR METALS

Iron	ppm	▲ 275	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 9	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	● 66	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	● 8	---	---	---
Phosphorus	ppm	■ 1200	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	● 249	---	---	---

### Diagnosis

The fluid change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** SILROBID  
**Unique No:** 11111492  
**Signed:** Don Baldrige  
**Report Date:** 07 Jul 2024

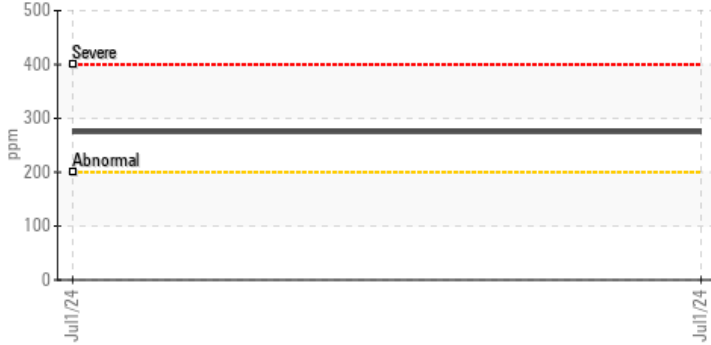


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## GRAPHS

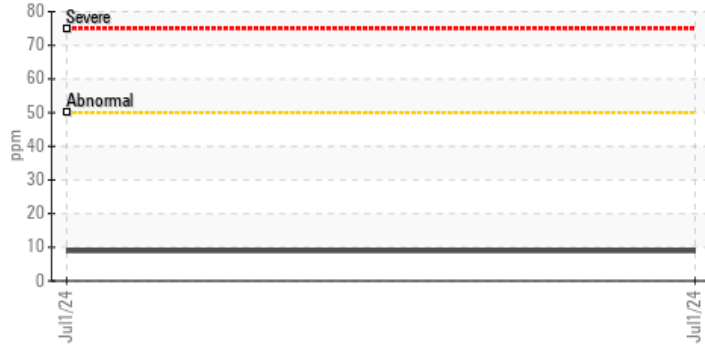
### ▲ Iron (ppm)



### Lead (ppm)



### Aluminum (ppm)



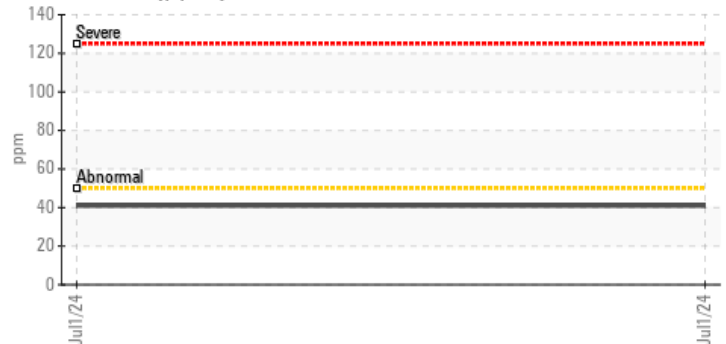
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### ● Viscosity @ 40°C



### ● Additives

