



CONSTRUCTION EQUIPMENT

PETERBILT 337 CM143534 - REAR AXLE



Sample No: VCP376595
Oil Type: MOBIL 75W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP376595	---	---	---
Sample Date	24 Mar 2024	---	---	---
Machine Hours	25000	---	---	---
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	█ 107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 223	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 18	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 730	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	● 51	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	▲ 20	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 14	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	150	---	---	---
Magnesium	ppm	29	---	---	---
Zinc	ppm	█ 19	---	---	---
Phosphorus	ppm	837	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 78	---	---	---

Depot: SILROBID
Unique No: 11023585
Signed: Don Baldrige
Report Date: 15 May 2024



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GRAPHS

