



CONSTRUCTION EQUIPMENT

PETERBILT 337 EM2 15565 - DIESEL ENGINE



Sample No: VCP446689
Oil Type: MOBIL 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP446689	---	---	---
Sample Date	01 Jul 2024	---	---	---
Machine Hours	18000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

SILVERPOINT ENTERPRISES
 637N 2743E
 ROBERTS, ID
 US 83444
 Contact: BRADLEY HAHN
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 T: (208)270-1141
 F:



OIL CONDITION

Visc @ 100°C	cSt	█ 14.4	---	---	---
Base Number (BN)	mg KOH/g	█ 8.2	---	---	---
Oxidation (PA)	%	69	---	---	---

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

Water	%	NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	57	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 10	---	---	---



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2178	---	---	---
Magnesium	ppm	█ 58	---	---	---
Zinc	ppm	█ 1204	---	---	---
Phosphorus	ppm	█ 1016	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 159	---	---	---

Depot: SILROBID
Unique No: 11110636
Signed: Don Baldrige
Report Date: 05 Jul 2024



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GRAPHS

