



CONSTRUCTION EQUIPMENT

SPM621247 SEG 30 CATERPILLAR 349 2000820 - DIESEL ENGINE



Sample No: VCP431280
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SPM621247 SEG 30



SAMPLE INFORMATION

Sample Number	VCP431280	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	8116	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ADAMO DEMOLITION COMPANY
 320 EAST 7 MILE RD
 DETROIT, MI
 US 48203
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 8.0	---	---	---
Oxidation (PA)	%	70	---	---	---

T:
F:

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 acceptable for the time in service.



CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	83	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 19	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 44	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 23	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1277	---	---	---
Magnesium	ppm	█ 745	---	---	---
Zinc	ppm	█ 1188	---	---	---
Phosphorus	ppm	█ 1051	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 13	---	---	---

Depot: ADADET
Unique No: 10728566
Signed: Sean Felton
Report Date: 08 Nov 2023



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GRAPHS

