



CONSTRUCTION EQUIPMENT

S50402452 VOLVO L90H 626377 - DIESEL ENGINE



Sample No: VCP424244
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: S50402452



SAMPLE INFORMATION

Sample Number	VCP424244	---	---	---
Sample Date	15 Jan 2024	---	---	---
Machine Hours	3500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

IAA - INSURANCE AUTO AUCTIONS - WESTCHESTER VC
 2 WESTBROOK CORPORATE CENTER STE. 5
 WESTCHESTER, IL
 US 60154
 Contact: BILLY BUTLER



OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 9.0	---	---	---
Oxidation (PA)	%	90	---	---	---

T: (404)275-6868
 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 suitable for further service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	81	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 44	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1710	---	---	---
Magnesium	ppm	█ 516	---	---	---
Zinc	ppm	█ 1132	---	---	---
Phosphorus	ppm	█ 968	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 20	---	---	---

Depot: INSWES
Unique No: 10859451
Signed: Wes Davis
Report Date: 02 Feb 2024



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GRAPHS

