



CONSTRUCTION EQUIPMENT

66505 MIDSOUTH P VOLVO L120H VCP 414351 (S/N NOT GIVEN) - DIESEL ENGINE



Sample No: VCP414351
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: 66505 MIDSOUTH P



COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE
15101 ALABAMA HWY 20
MADISON, AL
US 35756
Contact: RANDY HARRIS
RHARRIS@COWIN.COM
T: (256)298-2322
F: (256)355-5250

SAMPLE INFORMATION

Sample Number	VCP414351	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	9554	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	80	---	---	---

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 1571	---	---	---
Magnesium	ppm	█ 471	---	---	---
Zinc	ppm	█ 1071	---	---	---
Phosphorus	ppm	█ 925	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 49	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

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.

Depot: COWMAD
Unique No: 10724918
Signed: Wes Davis
Report Date: 03 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

