



CONSTRUCTION EQUIPMENT

SWA564520 SUNBELT RE NEW HOLLAND L328 NNM414137 - DIESEL ENGINE



Sample No: VCP450764
Oil Type: DIESEL ENGINE OIL SAE 10W30
Job No: SWA564520 SUNBELT RE



SAMPLE INFORMATION

Sample Number	VCP450764	---	---	---
Sample Date	20 May 2024	---	---	---
Machine Hours	437	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD

OTTAWA, IL

US 61350

Contact: CHRIS CHERVENY

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 8.1	---	---	---
Oxidation (PA)	%	73	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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)	%	83	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 46	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 4	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1709	---	---	---
Magnesium	ppm	█ 435	---	---	---
Zinc	ppm	█ 1272	---	---	---
Phosphorus	ppm	█ 1004	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 99	---	---	---

Depot: VOLVO5055

Unique No: 11045502

Signed: Wes Davis

Report Date: 31 May 2024

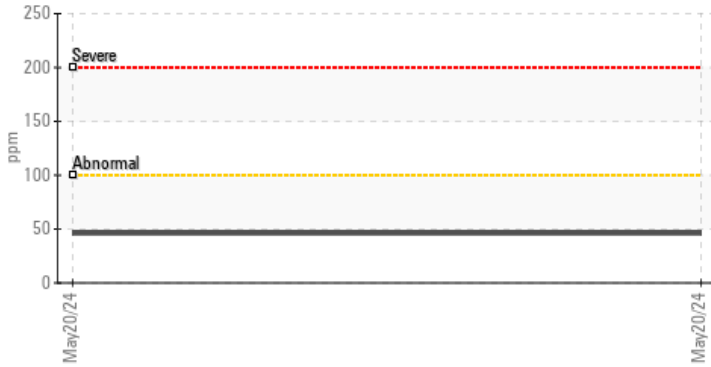


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GRAPHS

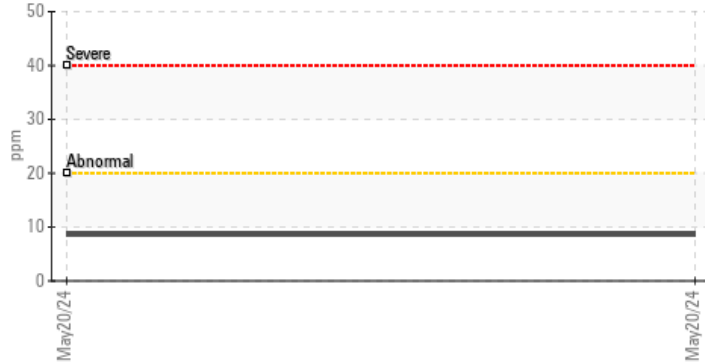
Iron (ppm)



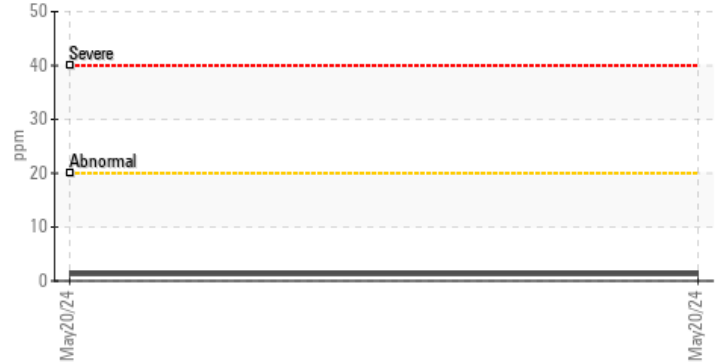
Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

