



CONSTRUCTION EQUIPMENT

SPM567352 CROSSTOWN NEW HOLLAND C345 NNM414499 - DIESEL ENGINE



Sample No: VCP420069
Oil Type: DIESEL ENGINE OIL SAE 10W30
Job No: SPM567352 CROSSTOWN



SAMPLE INFORMATION

Sample Number	VCP420069	---	---	---
Sample Date	22 Jun 2023	---	---	---
Machine Hours	368	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 8.6	---	---	---
Oxidation (PA)	%	71	---	---	---

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

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	77	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 43	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 63	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1847	---	---	---
Magnesium	ppm	█ 471	---	---	---
Zinc	ppm	█ 1389	---	---	---
Phosphorus	ppm	█ 1092	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 99	---	---	---

Depot: VOLVO8885
Unique No: 10548418
Signed: Wes Davis
Report Date: 10 Jul 2023

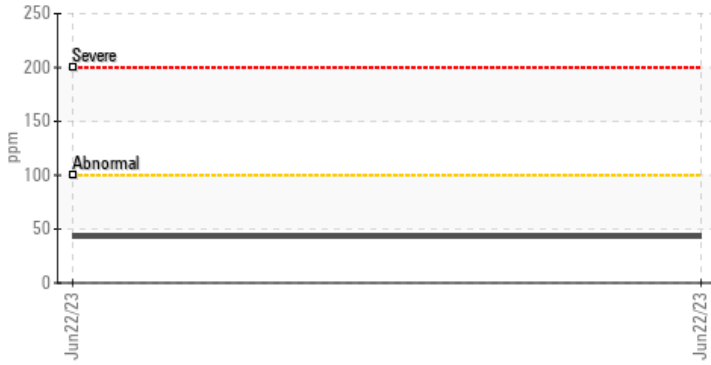


CONSTRUCTION EQUIPMENT

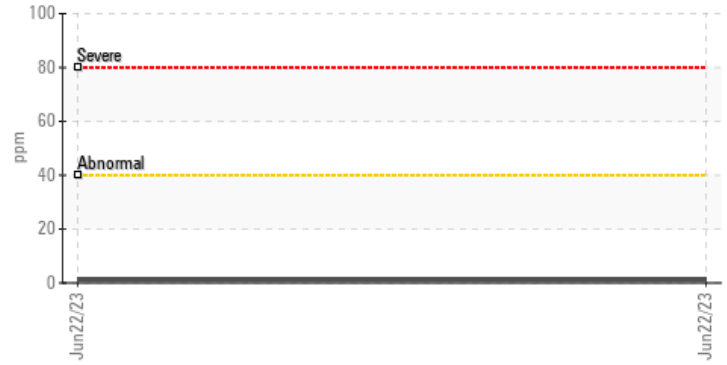


GRAPHS

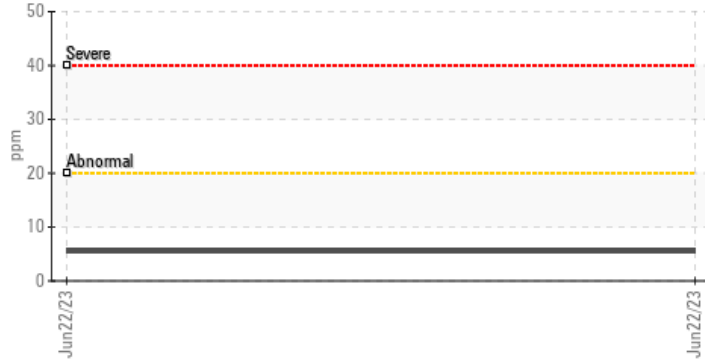
Iron (ppm)



Lead (ppm)



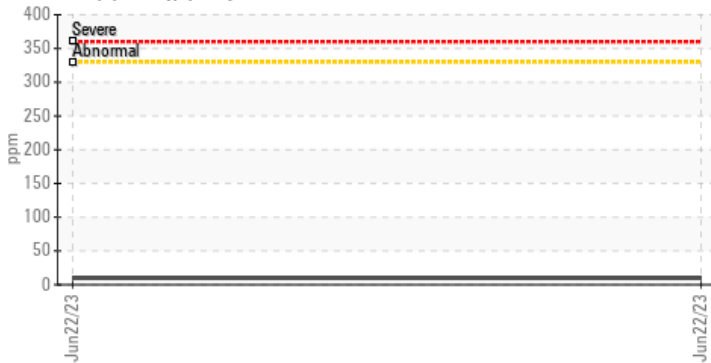
Aluminum (ppm)



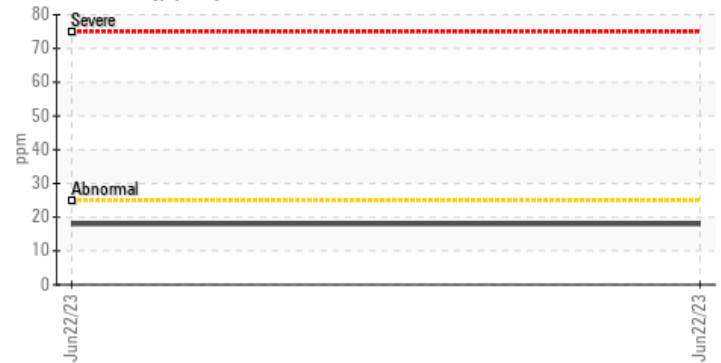
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

