



CONSTRUCTION EQUIPMENT

VOLVO L60H 622790 - DIESEL ENGINE



Sample No: VCE03374
Oil Type: CENEX MAXTRON 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCE03374	---	---	---
Sample Date	11 Jan 2023	---	---	---
Machine Hours	264	---	---	---
Oil Hours	264	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

TOWN OF WESTBORO

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 WESTBORO, WI
 US 54490
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 10.7	---	---	---
Oxidation (PA)	%	70	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. 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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 17	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 39	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1593	---	---	---
Magnesium	ppm	█ 597	---	---	---
Zinc	ppm	█ 1131	---	---	---
Phosphorus	ppm	█ 967	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 68	---	---	---

Depot: TOWWESWI
Unique No: 10572741
Signed: Wes Davis
Report Date: 25 Jul 2023



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GRAPHS

