



CONSTRUCTION EQUIPMENT

SPM689356 RENTAL VOLVO L120H 633514 - DIESEL ENGINE



Sample No: VCP433251
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM689356 RENTAL



ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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SAMPLE INFORMATION

Sample Number	VCP433251	---	---	---
Sample Date	22 Apr 2024	---	---	---
Machine Hours	1436	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	75	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	65	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1675	---	---	---
Magnesium	ppm	█ 518	---	---	---
Zinc	ppm	█ 1134	---	---	---
Phosphorus	ppm	█ 926	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 54	---	---	---

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.

Depot: VOLVO8885
Unique No: 11016904
Signed: Wes Davis
Report Date: 08 May 2024



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GRAPHS

