



CONSTRUCTION EQUIPMENT

SWA296880 MIDW CON KUBOTA SVL75 KBCZ052CPN1B65747 - DIESEL ENGINE



Sample No: VCP423152
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SWA296880 MIDW CON



SAMPLE INFORMATION

Sample Number	VCP423152	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	506	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
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OIL CONDITION

Visc @ 100°C	cSt	█ 11.9	---	---	---
Base Number (BN)	mg KOH/g	█ 10.3	---	---	---
Oxidation (PA)	%	57	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Fuel content negligible. 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)	%	44	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.4	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 65	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1185	---	---	---
Magnesium	ppm	█ 1096	---	---	---
Zinc	ppm	█ 1274	---	---	---
Phosphorus	ppm	█ 1094	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 163	---	---	---

Depot: VOLVO8885
Unique No: 10573976
Signed: Wes Davis
Report Date: 27 Jul 2023



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GRAPHS

