



CONSTRUCTION EQUIPMENT

X58863 MALLIBAMTON JOHN DEERE 844K 630891 - DIESEL ENGINE



Sample No: VCP426078
Oil Type: NOT GIVEN
Job No: X58863 MALLIBAMTON



SAMPLE INFORMATION

Sample Number	VCP426078	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	15977	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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PO BOX 997
SAINT ROSE, LA
US 70087
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 7.6	---	---	---
Oxidation (PA)	%	78	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.



CONTAMINATION

Soot %	%	█ 1.2	---	---	---
Nitration (PA)	%	86	---	---	---
Sulfation (PA)	%	72	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 8	---	---	---



WEAR METALS

Iron	ppm	█ 27	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 10	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	228	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1408	---	---	---
Magnesium	ppm	█ 704	---	---	---
Zinc	ppm	█ 1055	---	---	---
Phosphorus	ppm	█ 810	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 71	---	---	---

Depot: SCOSAI
Unique No: 10741858
Signed: Wes Davis
Report Date: 16 Nov 2023



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GRAPHS

