



CONSTRUCTION EQUIPMENT

368 JOHN DEERE 814867 - SWING DRIVE



Sample No: VCP413618
Oil Type: SHELL TELLUS 80W90
Job No: 368



SAMPLE INFORMATION

Sample Number	VCP413618	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	4805	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 187	---	---	---
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CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 61	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	24	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	12	---	---	---
Phosphorus	ppm	502	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	72	---	---	---

Depot: TOTGAI
Unique No: 10736300
Signed: Wes Davis
Report Date: 09 Nov 2023



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GRAPHS

