



CONSTRUCTION EQUIPMENT

274 JOHN DEERE 524K 1DW524KZFH679355 - TRANSMISSION



Sample No: VCP413818
Oil Type: SHELL TELLUS S2 MX 46
Job No: 274



SAMPLE INFORMATION

Sample Number	VCP413818	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	5950	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 45.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 71	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	815	---	---	---
Magnesium	ppm	█ 48	---	---	---
Zinc	ppm	█ 627	---	---	---
Phosphorus	ppm	█ 484	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 5	---	---	---

Depot: TOTGAI
Unique No: 10792384
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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VOLVO GRAPHS

