



CONSTRUCTION EQUIPMENT

363 JOHN DEERE 814432 - FRONT RIGHT FINAL DRIVE



Sample No: VCP397837
Oil Type: DRYDENE LIMITED SLIP GEAR 80W90
Job No: 363



SAMPLE INFORMATION

Sample Number	VCP397837	VCP310971	---	---
Sample Date	10 May 2024	05 Apr 2021	---	---
Machine Hours	6701	1507	---	---
Oil Hours	1000	1507	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

TOTAL DEVELOPMENT SOLUTIONS LLC
 7805 PROGRESS CT
 GAINESVILLE, VA
 US 20155
 Contact: JOE SEALE
 jseale@totaldevelopmentsolutions.com
 T: (703)222-0497
 F: (703)753-4586



OIL CONDITION

Visc @ 40°C	cSt	140	185.8	---	---
Visc @ 100°C	cSt	---	17.3	---	---
Viscosity Index (VI)	Scale	---	99	---	---

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.



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	29	---	---
Sodium	ppm	39	3	---	---
Potassium	ppm	10	<1	---	---



WEAR METALS

Iron	ppm	3	311	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	12	7	---	---
Chromium	ppm	1	5	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	1	<1	---	---
Manganese	ppm	<1	6	---	---
Vanadium	ppm	2	<1	---	---



ADDITIVES

Calcium	ppm	6	56	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	3	24	---	---
Phosphorus	ppm	10	461	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	86	---	---

Depot: TOTGAI
Unique No: 11048079
Signed: Wes Davis
Report Date: 29 May 2024



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GRAPHS

