



CONSTRUCTION EQUIPMENT

6701 JOHN DEERE 814432 - SWING DRIVE



Sample No: VCP397835
Oil Type: DRYDENE LIMITED SLIP GEAR 80W90
Job No: 6701



SAMPLE INFORMATION

Sample Number	VCP397835	VCP310965	---	---
Sample Date	10 May 2024	05 Apr 2021	---	---
Machine Hours	363	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	144	188	---	---
Visc @ 100°C	cSt	---	16.8	---	---
Viscosity Index (VI)	Scale	---	94	---	---

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	13	14	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	123	61	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	1	<1	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	85	34	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	42	16	---	---
Phosphorus	ppm	387	459	---	---
Barium	ppm	2	0	---	---
Boron	ppm	27	81	---	---

Depot: TOTGAI
Unique No: 11048077
Signed: Sean Felton
Report Date: 29 May 2024



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GRAPHS

