



CONSTRUCTION EQUIPMENT

SWO598136 JOHN DEERE 350G LC 1FF350GXXKDE809571 - DIESEL ENGINE



Sample No: VCP306413
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SWO598136



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SAMPLE INFORMATION

Sample Number	VCP306413	---	---	---
Sample Date	20 Apr 2021	---	---	---
Machine Hours	5356	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Oxidation (PA)	%	72	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.8	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	65	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 5	---	---	---

WEAR METALS

Iron	ppm	█ 76	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 63	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 64	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1669	---	---	---
Magnesium	ppm	█ 551	---	---	---
Zinc	ppm	█ 1213	---	---	---
Phosphorus	ppm	█ 1030	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 45	---	---	---

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.

Depot: ACQELM
Unique No: 9486403
Signed: Jonathan Hester
Report Date: 03 May 2021



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GRAPHS

