



CONSTRUCTION EQUIPMENT

SPM594086 CATERPILLAR 815F 1GNO08886 - FRONT AXLE



Sample No: VCP415247
Oil Type: CAT TDTO SAE 50
Job No: SPM594086



JOHN KENO & CO
750 RICARD LN
ELK GROVE VILLAGE, IL
US 60007
Contact: LUKAS DECKER
ldecker@johnkeno.com
T: (847)340-2432
F:



SAMPLE INFORMATION

Sample Number	VCP415247	---	---	---
Sample Date	25 Aug 2023	---	---	---
Machine Hours	5625	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 156	---	---	---
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CONTAMINATION

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 111	---	---	---
Copper	ppm	█ 44	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2962	---	---	---
Magnesium	ppm	55	---	---	---
Zinc	ppm	█ 1253	---	---	---
Phosphorus	ppm	█ 1056	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	1	---	---	---

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: JOHELK
Unique No: 10633261
Signed: Wes Davis
Report Date: 06 Sep 2023



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VOLVO GRAPHS

