



CONSTRUCTION EQUIPMENT

SPM594086 CATERPILLAR 815F 1GNO08886 - TRANSMISSION



Sample No: VCP415091
Oil Type: CAT TDTO TRANS-DRIVE SAE 30
Job No: SPM594086



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



SAMPLE INFORMATION

Sample Number	VCP415091	---	---	---
Sample Date	25 Aug 2023	---	---	---
Machine Hours	5625	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 88.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 41	---	---	---
Copper	ppm	▲ 407	---	---	---
Lead	ppm	■ 12	---	---	---
Tin	ppm	■ 13	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2953	---	---	---
Magnesium	ppm	71	---	---	---
Zinc	ppm	■ 1226	---	---	---
Phosphorus	ppm	■ 1099	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 6	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing 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.

Depot: JOHELK
Unique No: 10633300
Signed: Don Baldrige
Report Date: 07 Sep 2023



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GRAPHS

