



CONSTRUCTION EQUIPMENT

064267 MID GA PROPER TAKEUCHI TL12V2 412002890 - REAR AXLE



Sample No: VCP388225
Oil Type: GEAR OIL SAE 80W90
Job No: 064267 MID GA PROPER



SAMPLE INFORMATION

Sample Number	VCP388225	VCP388208	---	---
Sample Date	08 Aug 2023	01 Aug 2023	---	---
Machine Hours	0	1195	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	SEVERE	---	---

COWIN EQUIPMENT - ATLANTA

5710 RIVERVIEW RD
MABLETON, GA
US 30126

Contact: MIKE ANDREWS
mandrews@cowin.com

T: (404)690-7210
F:



OIL CONDITION

Visc @ 40°C	cSt	143	158	---	---
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CONTAMINATION

Silicon	ppm	32	156	---	---
Sodium	ppm	3	7	---	---
Potassium	ppm	2	8	---	---



WEAR METALS

Iron	ppm	712	1948	---	---
Copper	ppm	1	4	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	8	42	---	---
Chromium	ppm	8	24	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	2	11	---	---
Titanium	ppm	<1	4	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	18	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	69	13	---	---
Magnesium	ppm	3	4	---	---
Zinc	ppm	55	73	---	---
Phosphorus	ppm	519	277	---	---
Barium	ppm	0	0	---	---
Boron	ppm	6	1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level has decreased, but is still abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: COWMAB
Unique No: 10601791
Signed: Don Baldrige
Report Date: 12 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

