



CONSTRUCTION EQUIPMENT

RSO-034991 FREIGHTLINER WT-4204 - REAR AXLE



Sample No: VCP427343
Oil Type: GEAR OIL SAE 75W90
Job No: RSO-034991



SAMPLE INFORMATION

Sample Number	VCP427343	---	---	---
Sample Date	16 Aug 2023	---	---	---
Machine Hours	2061	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

SAIIA CONSTRUCTION LLC
4400 LEWISBURG RD
BIRMINGHAM, AL
US 35207
Contact: STEPHANI BRITTON
sbritton@saiia.com;doug.bogart@wearcheck.com
T: (205)943-2268
F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	■ 92.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 3	---	---	---

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.



WEAR METALS

Iron	ppm	■ 100	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 19	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	■ 15	---	---	---
Phosphorus	ppm	■ 1376	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 290	---	---	---

Depot: SAIBIR
Unique No: 10617655
Signed: Jonathan Hester
Report Date: 25 Aug 2023



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GRAPHS

