



CONSTRUCTION EQUIPMENT

X59282 TADANO GR800XL-4 RA1637 - FRONT AXLE



Sample No: VCP436899
Oil Type: GEAR OIL SAE 80W90
Job No: X59282



SAMPLE INFORMATION

Sample Number	VCP436899	---	---	---
Sample Date	27 Feb 2024	---	---	---
Machine Hours	1160	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Saint Rose
PO BOX 997
SAINT ROSE, LA
US 70087
Contact: DANA FOSHEE
dfoshee@scottcompanies.com
T: (504)461-0961
F: (504)461-0970



OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 12	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 8	---	---	---
Phosphorus	ppm	█ 1206	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	0	---	---	---

Depot: SCOSAI
Unique No: 10909957
Signed: Jonathan Hester
Report Date: 05 Mar 2024



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GRAPHS

