



CONSTRUCTION EQUIPMENT

X59019 TADANO GR1600XL-3 FE5335 - FRONT RIGHT FINAL DRIVE



Sample No: VCP427309
Oil Type: GEAR OIL SAE 80W90
Job No: X59019



SAMPLE INFORMATION

Sample Number	VCP427309	VCP379272	---	---
Sample Date	04 Jan 2024	30 Aug 2022	---	---
Machine Hours	2180	1036	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	315	188	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	10	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	<1	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	11	24	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	61	0	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	0	10	---	---
Phosphorus	ppm	1032	1171	---	---
Barium	ppm	0	1	---	---
Boron	ppm	243	232	---	---

Depot: SCOSAI
Unique No: 10822948
Signed: Sean Felton
Report Date: 11 Jan 2024



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GRAPHS

