



CONSTRUCTION EQUIPMENT

SWO-069429 EPIROC TMG21 SED0346 - REAR RIGHT FINAL DRIVE



Sample No: VCP446744
Oil Type: {unknown}
Job No: SWO-069429



SAMPLE INFORMATION

Sample Number	VCP446744	VCP435522	VCP445799	VCP431976
Sample Date	05 Feb 2024	20 Dec 2023	14 Nov 2023	10 Oct 2023
Machine Hours	5020	4779	4528	4260
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	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	220	219	220	219
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	18	23	24
Sodium	ppm	0	0	0	1
Potassium	ppm	<1	0	<1	0



WEAR METALS

Iron	ppm	125	92	85	97
Copper	ppm	8	3	5	9
Lead	ppm	10	3	6	11
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	2	<1	<1
Chromium	ppm	2	1	<1	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	0	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	48	3	7	13
Magnesium	ppm	1	0	<1	14
Zinc	ppm	2	0	0	0
Phosphorus	ppm	491	502	471	414
Barium	ppm	0	5	0	0
Boron	ppm	2	0	1	5

Diagnosis

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry update for time on unit. 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.

Depot: SAIBIR
Unique No: 10872519
Signed: Doug Bogart
Report Date: 13 Feb 2024



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GRAPHS

