



CONSTRUCTION EQUIPMENT

SWO-068392 EPIROC TMG21 SED0346 - REAR RIGHT FINAL DRIVE



Sample No: VCP435522
Oil Type: NOT GIVEN
Job No: SWO-068392



SAMPLE INFORMATION

Sample Number	VCP435522	VCP445799	VCP431976	VCP433245
Sample Date	20 Dec 2023	14 Nov 2023	10 Oct 2023	05 Sep 2023
Machine Hours	4779	4528	4260	4067
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	N/A	Changed	Not Chngd
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	219	220	219	220
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CONTAMINATION

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

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	92	85	97	84
Copper	ppm	3	5	9	6
Lead	ppm	3	6	11	9
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	1	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3	7	13	24
Magnesium	ppm	0	<1	14	3
Zinc	ppm	0	0	0	10
Phosphorus	ppm	502	471	414	487
Barium	ppm	5	0	0	<1
Boron	ppm	0	1	5	<1

Depot: SAIBIR
Unique No: 10809845
Signed: Jonathan Hester
Report Date: 04 Jan 2024



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GRAPHS

