



CONSTRUCTION EQUIPMENT

SWO-070487 EPIROC TMG21SED0492 - REAR LEFT FINAL DRIVE



Sample No: VCP455409
Oil Type: {unknown}
Job No: SWO-070487



SAMPLE INFORMATION

Sample Number	VCP455409	VCP444238	VCP435642	VCP428677
Sample Date	17 Mar 2024	13 Feb 2024	03 Jan 2024	27 Nov 2023
Machine Hours	5262	5028	4772	4529
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	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	218	216	218	210
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	31	23	27	26
Sodium	ppm	0	<1	0	1
Potassium	ppm	0	0	1	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	104	141	117	138
Copper	ppm	4	6	7	10
Lead	ppm	12	19	20	34
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	0	2	<1
Chromium	ppm	<1	1	1	1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	4	15	11
Magnesium	ppm	<1	0	<1	2
Zinc	ppm	8	3	4	<1
Phosphorus	ppm	502	412	438	383
Barium	ppm	0	0	8	0
Boron	ppm	0	<1	4	<1

Depot: SAIBIR
Unique No: 10939395
Signed: Don Baldrige
Report Date: 25 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

