



CONSTRUCTION EQUIPMENT

SWO-068392 EPIROC TMG21 SED0346 - REAR LEFT FINAL DRIVE



Sample No: VCP435531
Oil Type: EP 320
Job No: SWO-068392



SAMPLE INFORMATION

Sample Number	VCP435531	VCP445772	VCP429593	VCP433241
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 Changd	N/A	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	326	221	218	219
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	21	20	21
Sodium	ppm	0	<1	1	<1
Potassium	ppm	0	0	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	89	70	103	93
Copper	ppm	7	6	7	6
Lead	ppm	3	5	9	8
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	1	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	16	6	18	8
Magnesium	ppm	0	<1	13	2
Zinc	ppm	1	0	0	0
Phosphorus	ppm	513	466	392	484
Barium	ppm	4	0	0	0
Boron	ppm	0	2	<1	0

Depot: SAIBIR
Unique No: 10809844
Signed: Jonathan Hester
Report Date: 04 Jan 2024



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GRAPHS

