



CONSTRUCTION EQUIPMENT

SWO-064931 EPIROC TMG21 SED0492 - REAR LEFT FINAL DRIVE



Sample No: VCP414079
Oil Type: NOT GIVEN
Job No: SWO-064931



SAMPLE INFORMATION

Sample Number	VCP414079	VCP424292	VCP413121	VCP402779
Sample Date	23 Aug 2023	03 Jul 2023	25 May 2023	16 Apr 2023
Machine Hours	3744	3460	3205	2907
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	214	214	215	215
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CONTAMINATION

Silicon	ppm	24	23	21	27
Sodium	ppm	1	<1	0	0
Potassium	ppm	0	2	2	0



WEAR METALS

Iron	ppm	102	83	79	90
Copper	ppm	7	7	4	5
Lead	ppm	33	31	30	30
Tin	ppm	<1	<1	0	0
Aluminum	ppm	3	1	5	<1
Chromium	ppm	1	1	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	9	20	8
Magnesium	ppm	2	0	<1	0
Zinc	ppm	4	0	0	0
Phosphorus	ppm	422	423	426	464
Barium	ppm	0	0	0	0
Boron	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.

Depot: SAIBIR
Unique No: 10622850
Signed: Don Baldrige
Report Date: 30 Aug 2023



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GRAPHS

