



CONSTRUCTION EQUIPMENT

SWO-072471 EPIROC TMG2 ISEDO223 - COMPRESSOR



Sample No: VCP439790
Oil Type: REFRIG COMP OIL ISO 68
Job No: SWO-072471



SAMPLE INFORMATION

Sample Number	VCP439790	VCP449850	VCP445308	VCP441458
Sample Date	05 Jun 2024	16 Apr 2024	06 Mar 2024	30 Jan 2024
Machine Hours	4958	4708	4459	4133
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	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	69.0	29.5	72.6	73.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	8	0	2
Sodium	ppm	2	5	<1	0
Potassium	ppm	4	3	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	4	51	0	2
Copper	ppm	3	7	0	<1
Lead	ppm	4	0	0	<1
Tin	ppm	1	0	0	<1
Aluminum	ppm	<1	1	0	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	2	0	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	4	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1	80	0	4
Magnesium	ppm	<1	<1	0	<1
Zinc	ppm	13	19	0	8
Phosphorus	ppm	25	201	13	34
Barium	ppm	0	5	0	0
Boron	ppm	0	77	0	0

Depot: SAIBIR
Unique No: 11074455
Signed: Don Baldrige
Report Date: 13 Jun 2024



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GRAPHS

