



CONSTRUCTION EQUIPMENT

SWO-067517 EPIROC TMG21 SED0346 - COMPRESSOR



Sample No: VCP445782
Oil Type: NOT GIVEN
Job No: SWO-067517



SAMPLE INFORMATION

Sample Number	VCP445782	VCP431979	VCP433249	VCP369319
Sample Date	14 Nov 2023	10 Oct 2023	05 Sep 2023	26 Jul 2023
Machine Hours	4528	4260	4067	3837
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	51.8	52.0	56.8	76.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	0	0	1
Sodium	ppm	2	0	6	42
Potassium	ppm	0	2	3	9

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	3	7	7	5
Copper	ppm	<1	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	9	10	16	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	0
Vanadium	ppm	0	0	0	1



ADDITIVES

Calcium	ppm	1	9	15	3
Magnesium	ppm	0	4	7	<1
Zinc	ppm	161	184	196	0
Phosphorus	ppm	237	243	235	0
Barium	ppm	0	10	0	0
Boron	ppm	4	2	15	0

Depot: SAIBIR
Unique No: 10750865
Signed: Angela Borella
Report Date: 21 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

